

| Test Facility ARPID | Test Facility Name           | Test Facility Street        | Test Facility Zip-code | Test Facility City | Test Facility Country | TM Reference | TM Title                                                                                                                                                          | TM Complexity | Qualification status       | ATP Expiry Date | Qualification Limitations                                                       | Last Qualification status update date |
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| 310645              | AZTERLAN                     | 6 ALIENDALDE                | 48200                  | DURANGO            | ES                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                                            | LOW           | QUALIFIED WITH LIMITATIONS |                 | WITHOUT REDUCTION OF AREA & YOUNG'S MODULUS                                     |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                                                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | NOT QUALIFIED FOR LATERAL EXPANSION / AT ROOM TEMPERATURE: ABSORBED ENERGY ONLY |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS                                                     | LOW           | QUALIFIED                  |                 |                                                                                 |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                                      | LOW           | AUTHORISED TO PROCEED      | 31/03/2023      |                                                                                 |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                                                             | LOW           | QUALIFIED                  |                 |                                                                                 | 21/10/2022                            |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                                 |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD                                                                    | LOW           | QUALIFIED                  |                 |                                                                                 |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMG110     | STANDARD PRACTICE FOR EVALUATING INTERGRANULAR CORROSION RESISTANCE OF HEAT TREATABLE ALUMINUM ALLOYS BY IMERSION IN SODIUM CHLORIDE + HYDROGEN PEROXIDE SOLUTION | LOW           | QUALIFIED                  |                 |                                                                                 |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTME647     | STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES                                                                                                | HIGH          | QUALIFIED WITH LIMITATIONS |                 | CT and MT Specimens                                                             |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                                                                                | HIGH          | QUALIFIED                  |                 |                                                                                 |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | EN3665       | TEST METHODS FOR PAINTS AND VARNISHES - FILIFORM CORROSION RESISTANCE TEST ON ALUMINIUM ALLOYS                                                                    | LOW           | QUALIFIED                  |                 |                                                                                 |                                       |

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| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                                      | HIGH          | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                            | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMG44      | STANDARD PRACTICE FOR EXPOSURE OF METALS AND ALLOYS BY ALTERNATE IMMERSION IN NEUTRAL 3.5% SODIUM CHLORIDE SOLUTION | HIGH          | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | AITM1-0049   | GLARE MATERIAL. TENSILE TEST                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | EN2832       | HYDROGEN EMBRITTLEMENT OF STEELS; NOTCHED SPECIMEN TEST                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMB769     | STANDARD TEST METHOD FOR SHEAR TESTING OF ALUMINUM ALLOYS                                                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | AITM1-0047   | GLARE MATERIAL. INTERLAMINAR SHEAR TEST                                                                             | LOW           | QUALIFIED            |                 |                           |                                       |

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| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                                       | LOW           | QUALIFIED                  |                 |                                                                                                                                   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | AITM1-0048   | GLARE MATERIAL. COMPRESSION TEST                                                                                                                             | LOW           | QUALIFIED                  |                 |                                                                                                                                   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTME238     | STANDARD TEST METHOD FOR PIN-TYPE BEARING TEST OF METALLIC MATERIALS                                                                                         | HIGH          | QUALIFIED                  |                 |                                                                                                                                   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | AITM1-0059   | GLARE MATERIAL. IN-PLANE-SHEAR PROPERTIES                                                                                                                    | LOW           | QUALIFIED                  |                 |                                                                                                                                   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                         | LOW           | QUALIFIED                  |                 |                                                                                                                                   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                           | LOW           | QUALIFIED                  |                 |                                                                                                                                   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                           | LOW           | QUALIFIED WITH LIMITATIONS |                 | INTERCHANGEABILITY ICY-CS-19839 NOTE - 2 WAYS WITH EN2954 PER CONDITIONS: ONLY APPLICABLE FOR TITANIUM AND TITANIUM ALLOY WROUGHT | 29/11/2022                            |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                            | LOW           | QUALIFIED                  |                 |                                                                                                                                   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO1463      | MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE                                                                                                     | LOW           | QUALIFIED                  |                 |                                                                                                                                   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO2360      | NON-CONDUCTIVE COATINGS ON NON-MAGNETIC ELECTRICALLY CONDUCTIVE BASIS MATERIALS - MEASUREMENT OF COATING THICKNESS - AMPLITUDE-SENSITIVE EDDY CURRENT METHOD | LOW           | QUALIFIED                  |                 |                                                                                                                                   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO2819      | METALLIC COATINGS ON METALLIC SUBSTRATES; ELECTRODEPOSITED AND CHEMICALLY DEPOSITED COATINGS; REVIEW OF METHODS AVAILABLE FOR TESTING ADHESION               | LOW           | QUALIFIED                  |                 |                                                                                                                                   |                                       |

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| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS              | FR                    | NASM1312-1   | FASTENER TEST METHODS SALT SPRAY                                                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS              | FR                    | NASM1312-4   | FASTENER TEST METHODS LAP JOINT SHEAR TEST COMPOSITE                                                                      | LOW           | QUALIFIED             |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS              | FR                    | NASM1312-12  | FASTENER TEST METHODS THICKNESS OF METALLIC COATINGS                                                                      | LOW           | QUALIFIED             |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS              | FR                    | AITM1-0050   | GLARE MATERIAL. OPEN HOLE TENSILE STRENGTH                                                                                | LOW           | QUALIFIED             |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS              | FR                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                | LOW           | AUTHORISED TO PROCEED | 31/03/2023      |                           | 06/10/2022                            |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS              | FR                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                            | LOW           | QUALIFIED             |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS              | FR                    | ASTMG47      | STANDARD TEST METHOD FOR DETERMINING SUSCEPTIBILITY TO STRESS-CORROSION CRACKING OF 2XXX AND 7XXX ALUMINUM ALLOY PRODUCTS | HIGH          | QUALIFIED             |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS              | FR                    | ASTMG49      | STANDARD PRACTICE FOR PREPARATION AND USE OF DIRECT TENSION STRESS-CORROSION TEST SPECIMENS                               | HIGH          | QUALIFIED             |                 |                           |                                       |
| 276093              | DICKSON TESTING CO INC       | 11126 PALMER AVENUE         | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME572     | STANDARD TEST METHOD FOR ANALYSIS OF STAINLESS AND ALLOY STEELS BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY  | LOW           | QUALIFIED             |                 |                           | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC       | 11126 PALMER AVENUE         | 90280                  | SOUTH GATE LOS ANGELES | US                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                           | LOW           | QUALIFIED             |                 |                           | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC       | 11126 PALMER AVENUE         | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS                   | LOW           | QUALIFIED             |                 |                           | 31/03/2022                            |

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| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                                              | HIGH          | QUALIFIED                              |                 |                           | 30/11/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                                          | LOW           | QUALIFIED                              |                 |                           | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                                                  | HIGH          | QUALIFIED                              |                 |                           | 30/11/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                     | LOW           | AUTHORISED TO PROCEED                  | 30/03/2023      |                           | 07/11/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                      | LOW           | QUALIFIED                              |                 |                           | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                     | LOW           | QUALIFIED                              |                 |                           | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                      | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 30/03/2023      | LIMITED TO MICROHARDNESS  | 07/11/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | EN3976       | TITANIUM AND TITANIUM ALLOYS - CHEMICAL ANALYSIS FOR THE DETERMINATION OF HYDROGENCONTENT.                                      | LOW           | QUALIFIED                              |                 |                           | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                        | LOW           | QUALIFIED                              |                 |                           | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE | LOW           | QUALIFIED                              |                 |                           | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | EN10276      | DETERMINATION FO OXYGENIN STEEL AND IRON.                                                                                       | LOW           | QUALIFIED                              |                 |                           | 31/03/2022                            |

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| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTMG44      | STANDARD PRACTICE FOR EXPOSURE OF METALS AND ALLOYS BY ALTERNATE IMMERSION IN NEUTRAL 3.5% SODIUM CHLORIDE SOLUTION                                       | HIGH          | QUALIFIED                  |                 |                                                                      | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                                    | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO INTERCHANGEABILITY PER ICY-CS-19772 NOTE- 2 WAYS WITH ASTM B557 | 23/09/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED                  |                 |                                                                      | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                                    | LOW           | QUALIFIED                  |                 |                                                                      | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                | LOW           | QUALIFIED                  |                 |                                                                      | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART?1 2 3 AND 4                                                            | LOW           | QUALIFIED                  |                 |                                                                      | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                        | LOW           | QUALIFIED                  |                 |                                                                      | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                        | LOW           | QUALIFIED                  |                 |                                                                      | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                         | LOW           | QUALIFIED WITH LIMITATIONS |                 | ONLY METHOD B                                                        | 30/11/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                                                            | LOW           | QUALIFIED                  |                 |                                                                      | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTMG47      | STANDARD TEST METHOD FOR DETERMINING SUSCEPTIBILITY TO STRESS-CORROSION CRACKING OF 2XXX AND 7XXX ALUMINUM ALLOY PRODUCTS                                 | HIGH          | QUALIFIED WITH LIMITATIONS |                 | CONSTANT STRAIN ONLY                                                 | 30/11/2022                            |

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| 276093              | DICKSON TESTING CO INC | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTMG49      | STANDARD PRACTICE FOR PREPARATION AND USE OF DIRECT TENSION STRESS-CORROSION TEST SPECIMENS             | HIGH          | QUALIFIED WITH LIMITATIONS |                 | CONSTANT STRAIN ONLY      | 30/11/2022                            |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                         | LOW           | QUALIFIED WITH LIMITATIONS |                 | ONLY AT ROOM TEMPERATURE  |                                       |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | ASTME647     | STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES                                      | HIGH          | QUALIFIED                  |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                      | HIGH          | AUTHORISED TO PROCEED      | 30/11/2022      |                           | 22/06/2022                            |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                          | HIGH          | QUALIFIED                  |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                             | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                           |                                       |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                         | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                       | LOW           | QUALIFIED WITH LIMITATIONS |                 | HRB AND HRC               |                                       |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | EN3976       | TITANIUM AND TITANIUM ALLOYS - CHEMICAL ANALYSIS FOR THE DETERMINATION OF HYDROGENCONTENT.              | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES    | 41 AIRPORT ROAD      | 01085                  | WESTFIELD              | US                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                      | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                           | 22/11/2022                            |

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| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                           | LOW           | QUALIFIED             |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | EN10276      | DETERMINATION FO OXYGENIN STEEL AND IRON.                                                                                                                 | LOW           | AUTHORISED TO PROCEED | 30/11/2022      |                           | 07/11/2022                            |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED             |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                        | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 22/11/2022                            |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | ASTMA604     | STANDARD PRACTICE FOR MACROETCH TESTING OF CONSUMABLE ELECTRODE REMELTED STEEL BARS AND BILLETS                                                           | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 22/11/2022                            |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | EN2003-10    | AEROSPACE SERIES - TITANIUM AND TITANIUM ALLOYS - TEST METHODS - PART 010: SAMPLING FOR DETERMINATION OF HYDROGEN CONTENT                                 | LOW           | QUALIFIED             |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                                                                    | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 22/11/2022                            |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | ASTME572     | STANDARD TEST METHOD FOR ANALYSIS OF STAINLESS AND ALLOY STEELS BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY                                  | LOW           | AUTHORISED TO PROCEED | 30/11/2022      |                           | 21/04/2022                            |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                                                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 22/11/2022                            |
| 276095              | DIRATS LABORATORIES | 41 AIRPORT ROAD      | 01085                  | WESTFIELD          | US                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERGAE GRAIN SIZE                                                                                                  | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 22/11/2022                            |



| Test Facility ARPID | Test Facility Name                | Test Facility Street   | Test Facility Zip-code | Test Facility City | Test Facility Country | TM Reference | TM Title                                                                                                                                              | TM Complexity | Qualification status       | ATP Expiry Date | Qualification Limitations | Last Qualification status update date |
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| 276095              | DIRATS LABORATORIES               | 41 AIRPORT ROAD        | 01085                  | WESTFIELD          | US                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                  | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                           | 21/03/2022                            |
| 276095              | DIRATS LABORATORIES               | 41 AIRPORT ROAD        | 01085                  | WESTFIELD          | US                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART 1 2 3 AND 4                                                        | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                           | 22/11/2022                            |
| 276095              | DIRATS LABORATORIES               | 41 AIRPORT ROAD        | 01085                  | WESTFIELD          | US                    | EN3683       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOY WROUGHT PRODUCTS - DETERMINATION OF PRIMARY A CONTENT - POINT COUNT METHOD AND LINE INTERCEPT METHOD | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                           | 22/11/2022                            |
| 276095              | DIRATS LABORATORIES               | 41 AIRPORT ROAD        | 01085                  | WESTFIELD          | US                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                     | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                           | 22/11/2022                            |
| 276095              | DIRATS LABORATORIES               | 41 AIRPORT ROAD        | 01085                  | WESTFIELD          | US                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                                            | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                           | 22/11/2022                            |
| 276095              | DIRATS LABORATORIES               | 41 AIRPORT ROAD        | 01085                  | WESTFIELD          | US                    | NASM1312-1   | FASTENER TEST METHODS SALT SPRAY                                                                                                                      | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                           | 22/11/2022                            |
| 276095              | DIRATS LABORATORIES               | 41 AIRPORT ROAD        | 01085                  | WESTFIELD          | US                    | NASM1312-5   | FASTENER TEST METHODS STRESS DURABILITY                                                                                                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276095              | DIRATS LABORATORIES               | 41 AIRPORT ROAD        | 01085                  | WESTFIELD          | US                    | NASM1312-10  | FASTENER TEST METHODS STRESS RUPTURE                                                                                                                  | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                                       | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | IGC04-24-176 | ALUMINIUM ALLOYS - ULTIMATE ANALYSIS - DETERMINATION OF THE COPPER CONTENT BY ELECTROGRAVIMETRIC ANALYSIS                                             | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME647     | STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES                                                                                    | HIGH          | QUALIFIED WITH LIMITATIONS |                 | MT AND CT SPECIMENS       |                                       |

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| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                                              | HIGH          | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                                                  | HIGH          | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                      | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                      | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN3976       | TITANIUM AND TITANIUM ALLOYS - CHEMICAL ANALYSIS FOR THE DETERMINATION OF HYDROGENCONTENT.                                      | LOW           | QUALIFIED            |                 |                           | 18/03/2022                            |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE | LOW           | QUALIFIED            |                 |                           | 18/03/2022                            |

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| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN10276      | DETERMINATION FO OXYGENIN STEEL AND IRON.                                                                                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED                  |                 |                           | 18/03/2022                            |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | AITM1-0043   | DETERMINATION OF CRACK RESISTANCE CURVE (R-CURVE) FOR ALUMINIUM CLAD SHEET AND CLAD PLATE UP TO 12 MM FOR M(T) SPECIMENS                                  | HIGH          | QUALIFIED WITH LIMITATIONS |                 | MT SPECIMENS              | 11/05/2022                            |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN2003-10    | AEROSPACE SERIES - TITANIUM AND TITANIUM ALLOYS - TEST METHODS - PART 010: SAMPLING FOR DETERMINATION OF HYDROGEN CONTENT                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                                                                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | AITM1-0042   | DETERMINATION OF FATIGUE CRACK GROWTH RATES FOR CLAD SHEET AND CLAD PLATE UP TO 12 MM IN CONSTANT-LOAD-AMPLITUDE TESTS                                    | HIGH          | QUALIFIED WITH LIMITATIONS |                 | MT AND CT SPECIMENS       |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | AITM1-0040   |                                                                                                                                                           |               | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTMB769     | STANDARD TEST METHOD FOR SHEAR TESTING OF ALUMINUM ALLOYS                                                                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                                    | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                      | LOW           | AUTHORISED TO PROCEED      | 30/11/2022      |                           |                                       |

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| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART?1 2 3 AND 4                                                                    | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN3683       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOY WROUGHT PRODUCTS - DETERMINATION OF PRIMARY A CONTENT - POINT COUNT METHOD AND LINE INTERCEPT METHOD             | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN3684       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOYS WROUGHT PRODUCTS - DETERMINATION OF ? TRANSUS TEMPERATURE - METALLOGRAPHIC METHOD                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                                | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                                | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTMA604     | STANDARD PRACTICE FOR MACROETCH TESTING OF CONSUMABLE ELECTRODE REMELTED STEEL BARS AND BILLETS                                                                   | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | AITM4-0002   | MICROSTRUCTURAL CHARACTERIZATION OF WELDED ALUMINIUM STRUCTURES                                                                                                   | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                                 | LOW           | QUALIFIED WITH LIMITATIONS |                 | ONLY METHOD B             |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTMG85      | STANDARD PRACTICE FOR MODIFIED SALT SPRAY (FOG) TESTING EXPERTISE: EDSWB / MAIN USER: EDSWO                                                                       | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS                                                     | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTMG110     | STANDARD PRACTICE FOR EVALUATING INTERGRANULAR CORROSION RESISTANCE OF HEAT TREATABLE ALUMINUM ALLOYS BY IMERSION IN SODIUM CHLORIDE + HYDROGEN PEROXIDE SOLUTION | LOW           | QUALIFIED                  |                 |                           |                                       |

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| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO3651-1    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 1: AUSTENITIC AND FERRITIC-AUSTENITIC (DUPLIX) STAINLESS STEELS - CORROSION TEST IN NITRIC ACID MEDIUM BY MEASUREMENT OF LOSS IN MASS (HUEY TEST) | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO3651-2    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 2: FERRITIC AUSTENITIC AND FERRITIC-AUSTENITIC (DUPLIX) STAINLESS STEELS - CORROSION TEST IN MEDIA CONTAINING SULFURIC ACID                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTMG66      | STANDARD PRACTICE FOR VISUAL ASSESSMENT OF EXFOLIATION CORROSION SUSCEPTIBILITY OF 5XXX SERIES ALUMINUM ALLOYS (ASSET TEST)                                                                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTMG67      | STANDARD PRACTICE FOR DETERMINING SUCSEPTIBILITY TO INTERGRANULAR CORROSION RESISTANCE OF 5XXX SERIES ALUMINUM ALLOYS BY MASS LOSS AFTER EXPOSURE TO NITRIC ACID (NAMLT TEST)                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTMG112     | STANDARD GUIDE FOR CONDUCTING EXFOLIATION CORROSION TESTS IN ALUMINUM ALLOYS                                                                                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTMC633     | STANDARD TEST METHOD FOR ADHESION OR COHESION STRENGTH OF THERMAL SPRAY COATINGS                                                                                                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO3887      | STEELS NON-ALLOY AND LOW-ALLOY - DETERMINATION OF DEPTH OF DECARBURIZATION                                                                                                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO2819      | METALLIC COATINGS ON METALLIC SUBSTRATES: ELECTRODEPOSITED AND CHEMICALLY DEPOSITED COATINGS; REVIEW OF METHODS AVAILABLE FOR TESTING ADHESION                                                                                      | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-1   | FASTENER TEST METHODS SALT SPRAY                                                                                                                                                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-2   | FASTENER TEST METHODS INTERACTION                                                                                                                                                                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-4   | FASTENER TEST METHODS LAP JOINT SHEAR TEST COMPOSITE                                                                                                                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |

External Report Independent

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| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-5   | FASTENER TEST METHODS STRESS DURABILITY                             | LOW           | QUALIFIED                              |                 |                                                                                                                                                   |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-6   | FASTENER TEST METHODS HARDNESS                                      | LOW           | QUALIFIED                              |                 |                                                                                                                                                   |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-8   | FASTENER TEST METHODS TENSILE STRENGTH                              | LOW           | AUTHORISED TO PROCEED                  | 31/12/2022      |                                                                                                                                                   |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-9   | FASTENER TEST METHODS STRESS CORROSION                              | LOW           | QUALIFIED                              |                 |                                                                                                                                                   |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-10  | FASTENER TEST METHODS STRESS RUPTURE                                | LOW           | QUALIFIED                              |                 |                                                                                                                                                   |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-11  | FASTENER TEST METHODS TENSION FATIGUE                               | HIGH          | QUALIFIED                              |                 |                                                                                                                                                   | 19/05/2022                            |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-12  | FASTENER TEST METHODS THICKNESS OF METALLIC COATINGS                | LOW           | QUALIFIED                              |                 |                                                                                                                                                   |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-13  | FASTENER TEST METHODS DOUBLE SHEAR TEST                             | LOW           | QUALIFIED                              |                 |                                                                                                                                                   |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-18  | FASTENER TEST METHODS ELEVATED TEMPERATURE TENSILE STRENGTH         | LOW           | QUALIFIED                              |                 |                                                                                                                                                   |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | NASM1312-20  | FASTENER TEST METHODS SINGLE SHEAR                                  | LOW           | QUALIFIED                              |                 |                                                                                                                                                   |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | AITM1-0069   | FIBRE REINFORCED PLASTICS DETERMINATION OF CURVED-BEAM FAILURE LOAD | HIGH          | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | THICKNESS RESTRICTION: ONLY SPECIMENS BELLOW 10 MM THICKNESS ARE COVERED / FULL TEST TEMPERATURE RANGE IS COVERED, TYPICALLY (-60°C UP TO 180°C). | 17/03/2022                            |

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| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD | LOW           | QUALIFIED             |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO10119     | CARBON FIBRE - DETERMINATION OF DENSITY                                                                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION        | LOW           | QUALIFIED             |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN2378       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF WATER ABSORPTION BY IMMERSION                                                    | LOW           | QUALIFIED             |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN2558       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                                                           | LOW           | QUALIFIED             |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | EN2557       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA                                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD       | OX16 3JU               | BANBURY, OXON      | GB                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                     | LOW           | QUALIFIED             |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD       | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME647     | STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES                                                                               | HIGH          | AUTHORISED TO PROCEED | 31/03/2022      |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD       | OX16 3JU               | BANBURY, OXON      | GB                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                                                               | HIGH          | QUALIFIED             |                 |                           |                                       |

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| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS         | HIGH          | QUALIFIED                  |                 |                                                                  |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                            | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                      | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                 | LOW           | QUALIFIED WITH LIMITATIONS |                 | INTERCHANGEABILITY PER 19772-ICY-CS NOTE- 2 WAYS WITH ASTM B 557 | 19/09/2022                            |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                       | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | EN2832       | HYDROGEN EMBRITTLEMENT OF STEELS; NOTCHED SPECIMEN TEST                                | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTMB769     | STANDARD TEST METHOD FOR SHEAR TESTING OF ALUMINUM ALLOYS                              | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME238     | STANDARD TEST METHOD FOR PIN-TYPE BEARING TEST OF METALLIC MATERIALS                   | HIGH          | QUALIFIED                  |                 |                                                                  |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                             | LOW           | QUALIFIED                  |                 |                                                                  |                                       |



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| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ISO4516      | METALLIC AND OTHER INORGANIC COATINGS - VICKERS AND KNOOP MICROHARDNESS TESTS                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART?1 2 3 AND 4                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTMG85      | STANDARD PRACTICE FOR MODIFIED SALT SPRAY (FOG) TESTING EXPERTISE: EDSWB / MAIN USER: EDSWO                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS               | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | ASTMG66      | STANDARD PRACTICE FOR VISUAL ASSESSMENT OF EXFOLIATION CORROSION SUSCEPTIBILITY OF 5XXX SERIES ALUMINUM ALLOYS (ASSET TEST) | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON      | GB                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                                   | LOW           | QUALIFIED            |                 |                           |                                       |

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| 257831              | WESTMORELAND MECHANICAL     | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON       | GB                    | ASTME111     | STANDARD TEST METHOD FOR YOUNG'S MODULUS TANGENT MODULUS AND CHORD MODULUS                                        | HIGH          | QUALIFIED                  |                 |                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL     | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON       | GB                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR          | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ***LIMITED TO TYPE B TEST PIECE*** |                                       |
| 257831              | WESTMORELAND MECHANICAL     | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON       | GB                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                   | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL     | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON       | GB                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                            | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL     | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON       | GB                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                        | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL     | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON       | GB                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                    | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL     | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON       | GB                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                   | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL     | 19 WILDMERE ROAD     | OX16 3JU               | BANBURY, OXON       | GB                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES      | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                        | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES      | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                       | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES      | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                        | LOW           | QUALIFIED                  |                 |                                    |                                       |

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| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE  | FR                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                                                                                                                                             | LOW           | QUALIFIED                  |                 |                               |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE  | FR                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                                                                                                            | LOW           | QUALIFIED                  |                 |                               |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE  | FR                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                                                                                                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | LIMITED TO ANALYSIS OF OXYGEN |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE  | FR                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                                                                                                                                      | LOW           | QUALIFIED                  |                 |                               |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE  | FR                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                                                                                                                         | LOW           | QUALIFIED                  |                 |                               |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE  | FR                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                                                                                                | LOW           | QUALIFIED                  |                 |                               | 01/06/2022                            |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE  | FR                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART?1 2 3 AND 4                                                                                                                                      | LOW           | QUALIFIED                  |                 |                               |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE  | FR                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                                                                                                  | LOW           | QUALIFIED                  |                 |                               |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE  | FR                    | ISO3651-1    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 1: AUSTENITIC AND FERRITIC- AUSTENITIC (DUPLX) STAINLESS STEELS - CORROSION TEST IN NITRIC ACID MEDIUM BY MEASUREMENT OF LOSS IN MASS (HUEY TEST) | LOW           | QUALIFIED                  |                 |                               |                                       |
| 150147              | CRITT MATERIAUX INNOVATION  | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                                                                                                                     | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                               | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION  | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                                                                                                        | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                               | 25/11/2022                            |

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| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                                                                    | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                                               | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                        | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                                  | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                                    | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | INTERCHANGEABILITY PER ICY-CS-19772 NOTE- 2 WAYS WITH ASTM B557 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                        | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                                                | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                                                            | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                 | 25/11/2022                            |

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| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | EN2003-10    | AEROSPACE SERIES - TITANIUM AND TITANIUM ALLOYS - TEST METHODS - PART 010: SAMPLING FOR DETERMINATION OF HYDROGEN CONTENT                                                                                     | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                           | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                                                                    | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                           | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                                                                          | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                           | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART?1 2 3 AND 4                                                                                                                | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                           | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                                                                             | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | METHOD A                  | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO3651-2    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 2: FERRITIC AUSTENITIC AND FERRITIC-AUSTENITIC (DUPLEX) STAINLESS STEELS - CORROSION TEST IN MEDIA CONTAINING SULFURIC ACID | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                           | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO6270-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO HUMIDITY - PART 2: PROCEDURE FOR EXPOSING TEST SPECIMENS IN CONDENSATION-WATER ATMOSPHERES                                                              | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                           | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO2813      | PAINTS AND VARNISHES - DETERMINATION OF SPECULAR GLOSS OF NON-METALLIC PAINT FILMS AT 20? 60? UND 85?                                                                                                         | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                           | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                                                                                                         | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                           | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO1518      | PAINTS AND VARNISHES; SCRATCH TEST                                                                                                                                                                            | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | RESTRICTED TO PART 2      | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD                                                                                                                | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                           | 25/11/2022                            |

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| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN      | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO1519      | PAINTS AND VARNISHES - BEND TEST (CYLINDRICAL MANDREL)                                                  | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 25/11/2022                            |
| 150147              | CRITT MATERIAUX INNOVATION | 9 RUE CLAUDE CHRETIEN      | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                  | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 25/11/2022                            |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN              | DE                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                              | LOW           | QUALIFIED             |                 |                           |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN              | DE                    | AITM1-0018   | SANDWICH FLEXURAL TEST 4-POINT BENDING                                                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN              | DE                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEH?RTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE             | HIGH          | QUALIFIED             |                 |                           |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN              | DE                    | ISO10119     | CARBON FIBRE - DETERMINATION OF DENSITY                                                                 | LOW           | QUALIFIED             |                 |                           |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN              | DE                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN              | DE                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN              | DE                    | EN2377       | GLASS FIBRE REINFORCED PLASTICS; TEST METHOD: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGHT     | LOW           | QUALIFIED             |                 |                           |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN              | DE                    | AITM1-0009   | FIBRE REINFORCED PLASTICS DETERMINATION OF BEARING STRENGTH BY EITHER PIN OR BOLT BEARING CONFIGURATION | HIGH          | QUALIFIED             |                 |                           |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN              | DE                    | AITM1-0010   | FIBRE REINFORCED PLASTICS DETERMINATION OF COMPRESSION STRENGTH AFTER IMPACT                            | HIGH          | QUALIFIED             |                 |                           |                                       |

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| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM2-0001   | FASERVERSTÄRKTE KUNSTSTOFFE<br>BESTIMMUNG DER EXOTHERMEN<br>REAKTION VON PREPREG WÄHREND<br>DER HERSTELLUNG | LOW              | QUALIFIED                |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM3-0008   | DETERMINATION OF THE EXTENT OF<br>CURE BY DIFFERENTIAL SCANNING<br>CALORIMETRY                              | HIGH             | QUALIFIED                |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0002   | FIBRE REINFORCED<br>PLASTICSDETERMINATION OF IN-<br>PLANE-SHEAR PROPERTIES                                  | LOW              | QUALIFIED                |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM3-0004   | DETERMINATION OF GEL TIME AND<br>VISCOSITY                                                                  | LOW              | QUALIFIED                |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2667-2     | STRUCTURAL ADHESIVES<br>COMPRESSIVE TUBE SHEAR                                                              | LOW              | QUALIFIED                |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0005   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF INTERLAMINAR<br>FRACTURE TOUGHNESS ENERGY<br>MODE I           | HIGH             | QUALIFIED                |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ASTME384     | TEST METHODE FOR<br>MICROHARDNESS OF MATERIALS                                                              | LOW              | QUALIFIED                |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ISO6508      | METALLIC MATERIALS - ROCKWELL<br>HARDNESS TEST                                                              | LOW              | AUTHORISED TO<br>PROCEED | 31/01/2023         |                              | 14/09/2022                                     |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2002-2     | TENSILE TESTING AT ELEVATED<br>TEMPERATURE                                                                  | LOW              | QUALIFIED                |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ASTME407     | TEST METHODE FOR MICROETCHING<br>OF METALS AND ALLOYS                                                       | LOW              | QUALIFIED                |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ASTME112     | STANDARD TEST METHODS FOR<br>DETERMINING AVERAGE GRAIN SIZE                                                 | LOW              | QUALIFIED                |                    |                              |                                                |

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| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ASTME45      | STANDARD TEST METHODS FOR<br>DETERMINING THE INCLUSION<br>CONTENT OF STEEL                                                                                       | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2243-3     | STRUCTURAL ADHESIVES PEELING<br>TEST METAL HONEYCOMB-CORE<br>DRUM PEEL TEST                                                                                      | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2243-2     | STRUCTURAL ADHESIVES PEEL<br>METAL-METAL FLOATING ROLLER                                                                                                         | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0025   | FIBER REINFORCED PLASTICS<br>FLATWISE TENSILE TEST OF<br>COMPOSITE SANDWICH PANEL                                                                                | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2243-4     | STRUCTURAL ADHESIVES METAL-<br>HONEYCOMB- CORE FLATWISE<br>TENSILE TEST                                                                                          | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ISO1183-1    | PLASTICS - METHODS FOR<br>DETERMINING THE DENSITY OF NON-<br>CELLULAR PLASTICS - PART 1:<br>IMMERSION METHOD LIQUID<br>PYKNOMETER METHOD AND<br>TITRATION METHOD | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ISO11359     | PLASTICS - THERMOMECHANICAL<br>ANALYSIS (TMA)                                                                                                                    | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0043   | DETERMINATION OF CRACK<br>RESISTANCE CURVE (R-CURVE) FOR<br>ALUMINIUM CLAD SHEET AND CLAD<br>PLATE UP TO 12 MM FOR M(T)<br>SPECIMENS                             | HIGH             | QUALIFIED WITH<br>LIMITATIONS |                    | - Limited MT specimens       |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0040   |                                                                                                                                                                  |                  | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ASTMB769     | STANDARD TEST METHOD FOR<br>SHEAR TESTING OF ALUMINUM<br>ALLOYS                                                                                                  | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2243-1     | STRUCTURAL ADHESIVES SINGLE<br>LAP SHEAR                                                                                                                         | LOW              | QUALIFIED                     |                    |                              |                                                |



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| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0029   | DETERMINATION OF TENSILE<br>STRENGTH OF TAPERED OR<br>STEPPED JOINTS                                                    | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2002-1     | TENSILE TESTING AT AMBIENT<br>TEMPERATURE                                                                               | LOW              | QUALIFIED WITH<br>LIMITATIONS |                    | INCLUDING ASTM B557          | 01/09/2022                                     |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2557       | AEROSPACE SERIES - CARBON<br>FIBRE PREIMPREGNATES -<br>DETERMINATION OF MASS PER UNIT<br>AREA                           | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2558       | AEROSPACE SERIES - CARBON<br>FIBRE PREIMPREGNATES -<br>DETERMINATION OF THE VOLATILE<br>CONTENT                         | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2559       | CARBON FIBRE PREIMPREGNATES -<br>DETERMINATION OF THE RESIN AND<br>FIBRE CONTENT AND THE MASS OF<br>FIBRE PER UNIT AREA | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2560       | AEROSPACE SERIES - CARBON<br>FIBRE PREIMPREGNATES -<br>DETERMINATION OF THE RESIN<br>FLOW                               | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2378       | AEROSPACE SERIES - FIBRE<br>REINFORCED PLASTICS -<br>DETERMINATION OF WATER<br>ABSORPTION BY IMMERSION                  | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2850       | CARBON FIBRE REINFORCED<br>PLASTICS COMPRESSION TEST<br>PARALLEL TO FIBRE DIRECTION<br>LOAD INTRODUCTION BY SHEAR       | HIGH             | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | EN2747       | GLASS FIBRE REINFORCED<br>PLASTICS TENSILE TEST                                                                         | LOW              | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0060   | T-TYPE TENSILE TEST ON WELDED<br>JOINTS                                                                                 | HIGH             | QUALIFIED                     |                    |                              |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ASTME340     | TEST METHODE FOR<br>MACROETCHING OF METALS AND<br>ALLOYS                                                                | LOW              | QUALIFIED                     |                    |                              |                                                |

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| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | EN2597       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PERPENDICULAR TO THE FIBRE DIRECTION                                                        | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | ASTME831     | STANDARD TEST METHOD FOR LINEAR THERMAL EXPANSION OF SOLID MATERIALS BY THERMOMECHANICAL ANALYSIS                                         | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | AITM1-0007   | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD                                                   | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                                                 | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                                           | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                                                        | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ****Test Only - specimen machining not allowed**** |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | ASTME647     | STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES                                                                        | HIGH          | QUALIFIED WITH LIMITATIONS |                 | Limited to MT Specimens                            |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | ISO11358     | PLASTICS - THERMOGRAVIMETRY (TG) OF POLYMERS                                                                                              | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN            | DE                    | AITM1-0065   | FIBER REINFORCED PLASTICS DETERMINATION OF JOINT STRENGTH OF MECHANICALLY FASTENED JOINTS                                                 | HIGH          | AUTHORISED TO PROCEED      | 31/01/2023      |                                                    |                                       |

| Test Facility<br>ARPID | Test Facility<br>Name              | Test Facility<br>Street        | Test Facility<br>Zip-code | Test Facility<br>City | Test Facility<br>Country | TM Reference | TM Title                                                                                                                                                        | TM<br>Complexity | Qualification<br>status                      | ATP Expiry<br>Date | Qualification<br>Limitations                     | Last<br>Qualification<br>status update<br>date |
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| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND   | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0066   | FIBRE REINFORCED PLASTICS -<br>DETERMINATION OF PULL-OUT/<br>PULL-THROUGH STRENGTH ON<br>RIVETED JOINTS                                                         | LOW              | QUALIFIED                                    |                    |                                                  |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND   | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0067   | DETERMINATION OF TENSION<br>THROUGH THE HOLE STRENGTH ON<br>FASTENED JOINTS                                                                                     | LOW              | QUALIFIED                                    |                    |                                                  |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND   | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | AITM1-0042   | DETERMINATION OF FATIGUE CRACK<br>GROWTH RATES FOR CLAD SHEET<br>AND CLAD PLATE UP TO 12 MM IN<br>CONSTANT-LOAD-AMPLITUDE TESTS                                 | HIGH             | QUALIFIED WITH<br>LIMITATIONS                |                    | Limited to MT specimens                          |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND   | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ISO643       | STEELS - MICROGRAPHIC<br>DETERMINATION OF THE APPARENT<br>GRAIN SIZE                                                                                            | LOW              | QUALIFIED                                    |                    |                                                  |                                                |
| 169755                 | IMA<br>MATERIALFORSC<br>HUNG UND   | WILHELMINE-<br>REICHARD-RING 4 | 01109                     | DRESDEN               | DE                       | ISO4624      | PAINTS AND VARNISHES - PULL-OFF<br>TEST FOR ADHESION                                                                                                            | LOW              | QUALIFIED                                    |                    |                                                  |                                                |
| 301462                 | ETIM                               | ALLEE DU<br>CHAFFAULT          | 44340                     | BOUGUENAI             | FR                       | EN2243-3     | STRUCTURAL ADHESIVES PEELING<br>TEST METAL HONEYCOMB-CORE<br>DRUM PEEL TEST                                                                                     | LOW              | QUALIFIED                                    |                    | Also according to IGC 04-26-270                  |                                                |
| 301462                 | ETIM                               | ALLEE DU<br>CHAFFAULT          | 44340                     | BOUGUENAI             | FR                       | EN2243-2     | STRUCTURAL ADHESIVES PEEL<br>METAL-METAL FLOATING ROLLER                                                                                                        | LOW              | AUTHORISED TO<br>PROCEED WITH<br>LIMITATIONS | 31/03/2023         | ALSO ACCORDING TO IGC 04-26-360                  | 04/04/2022                                     |
| 301462                 | ETIM                               | ALLEE DU<br>CHAFFAULT          | 44340                     | BOUGUENAI             | FR                       | AITM3-0027   | DETERMINATION OF THE MELTING<br>BEHAVIOUR AND THE EXTENT OF<br>CRYSTALLINITY OF SEMI-<br>CRYSTALLINE MATERIALS BY<br>DIFFERENTIAL SCANNING<br>CALORIMETRY (DSC) | HIGH             | QUALIFIED WITH<br>LIMITATIONS                |                    | RESTRICTED TO EQUIPMENT: TA DSC Q200, S.NO. 1600 | 24/08/2022                                     |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN   | 08193                     | BELLATERRA            | ES                       | ISO1519      | PAINTS AND VARNISHES - BEND<br>TEST (CYLINDRICAL MANDREL)                                                                                                       | LOW              | QUALIFIED                                    |                    |                                                  |                                                |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN   | 08193                     | BELLATERRA            | ES                       | AITM1-0010   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF COMPRESSION<br>STRENGTH AFTER IMPACT                                                                              | HIGH             | QUALIFIED WITH<br>LIMITATIONS                |                    | / SPECIMEN MACHINING NOT INCLUDED                | 07/09/2022                                     |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN   | 08193                     | BELLATERRA            | ES                       | AITM1-0007   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF PLAIN HOLE<br>TENSILE STRENGTH COUNTERSUNK<br>HEAD                                                                | LOW              | QUALIFIED WITH<br>LIMITATIONS                |                    | Limited to Type A3 & A4                          |                                                |

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| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ISO6270-1    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO HUMIDITY - PART 1: CONTINUOUS CONDENSATION                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTMG110     | STANDARD PRACTICE FOR EVALUATING INTERGRANULAR CORROSION RESISTANCE OF HEAT TREATABLE ALUMINUM ALLOYS BY IMERSION IN SODIUM CHLORIDE + HYDROGEN PEROXIDE SOLUTION | LOW           | QUALIFIED            |                 |                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                                                                                | HIGH          | QUALIFIED            |                 |                           | 04/11/2022                            |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                                                                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                              | LOW           | QUALIFIED            |                 |                           |                                       |

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| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | / SPECIMEN MACHINING NOT INCLUDED     | 07/09/2022                            |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN2243-4     | STRUCTURAL ADHESIVES METAL-HONEYCOMB- CORE FLATWISE TENSILE TEST                                | LOW           | QUALIFIED WITH LIMITATIONS |                 | / SPECIMEN MACHINING NOT INCLUDED     | 07/09/2022                            |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTMB769     | STANDARD TEST METHOD FOR SHEAR TESTING OF ALUMINUM ALLOYS                                       | LOW           | QUALIFIED                  |                 |                                       |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | AITM1-0029   | DETERMINATION OF TENSILE STRENGTH OF TAPERED OR STEPPED JOINTS                                  | LOW           | QUALIFIED WITH LIMITATIONS |                 | / SPECIMEN MACHINING NOT INCLUDED     | 07/09/2022                            |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | INCLUDING ASTM B557                   | 01/09/2022                            |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN2378       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF WATER ABSORPTION BY IMMERSION   | LOW           | QUALIFIED                  |                 |                                       |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                              | LOW           | QUALIFIED                  |                 |                                       |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTMA604     | STANDARD PRACTICE FOR MACROETCH TESTING OF CONSUMABLE ELECTRODE REMELTED STEEL BARS AND BILLETS | LOW           | QUALIFIED                  |                 |                                       |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                                | LOW           | QUALIFIED                  |                 |                                       |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                  | HIGH          | QUALIFIED                  |                 |                                       |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTME647     | STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES                              | HIGH          | QUALIFIED WITH LIMITATIONS |                 | RESTRICTED TO TEST ONLY CT SPECIMENS. | 15/04/2022                            |

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| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | AITM1-0042   | DETERMINATION OF FATIGUE CRACK GROWTH RATES FOR CLAD SHEET AND CLAD PLATE UP TO 12 MM IN CONSTANT-LOAD-AMPLITUDE TESTS                                                                                                             | HIGH          | QUALIFIED WITH LIMITATIONS |                 | *RESTRICTED TO TEST ONLY CT SPECIMENS. | 21/04/2022                            |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN6018       | DETERMINATION OF DENSITY ACCORDING TO DISPLACEMENT METHODE                                                                                                                                                                         | LOW           | QUALIFIED                  |                 |                                        |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ISO4516      | METALLIC AND OTHER INORGANIC COATINGS - VICKERS AND KNOOP MICROHARDNESS TESTS                                                                                                                                                      | LOW           | QUALIFIED                  |                 |                                        |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART?1 2 3 AND 4                                                                                                                                     | LOW           | QUALIFIED                  |                 |                                        |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN3683       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOY WROUGHT PRODUCTS - DETERMINATION OF PRIMARY A CONTENT - POINT COUNT METHOD AND LINE INTERCEPT METHOD                                                                              | LOW           | QUALIFIED                  |                 |                                        |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN3684       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOYS WROUGHT PRODUCTS - DETERMINATION OF ? TRANSUS TEMPERATURE - METALLOGRAPHIC METHOD                                                                                                | LOW           | QUALIFIED                  |                 |                                        |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | AITM4-0002   | MICROSTRUCTURAL CHARACTERIZATION OF WELDED ALUMINIUM STRUCTURES                                                                                                                                                                    | LOW           | QUALIFIED                  |                 |                                        |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                                                                                                  | LOW           | QUALIFIED WITH LIMITATIONS |                 | Method B only                          |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINIUM ALLOYS                                                                                                                     | LOW           | QUALIFIED                  |                 |                                        |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ISO3651-1    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 1: AUSTENITIC AND FERRITIC-AUSTENITIC (DUPEX) STAINLESS STEELS - CORROSION TEST IN NITRIC ACID MEDIUM BY MEASUREMENT OF LOSS IN MASS (HUEY TEST) | LOW           | QUALIFIED                  |                 |                                        |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ISO3651-2    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 2: FERRITIC AUSTENITIC AND FERRITIC-AUSTENITIC (DUPEX) STAINLESS STEELS - CORROSION TEST IN MEDIA CONTAINING SULFURIC ACID                       | LOW           | QUALIFIED                  |                 |                                        |                                       |

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| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | ASTMG66      | STANDARD PRACTICE FOR VISUAL<br>ASSESSMENT OF EXFOLIATION<br>CORROSION SUSCEPTIBILITY OF<br>5XXX SERIES ALUMINUM ALLOYS<br>(ASSET TEST)                                                         | LOW              | QUALIFIED                     |                    |                                   |                                                |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | ASTMG67      | STANDARD PRACTICE FOR<br>DETERMINING SUSCEPTIBILITY TO<br>INTERGRANULAR CORROSION<br>RESISTANCE OF 5XXX SERIES<br>ALUMINUM ALLOYS BY MASS LOSS<br>AFTER EXPOSURE TO NITRIC ACID<br>(NAMLT TEST) | LOW              | QUALIFIED                     |                    |                                   |                                                |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | ASTMG112     | STANDARD GUIDE FOR CONDUCTING<br>EXFOLIATION CORROSION TESTS IN<br>ALUMINUM ALLOYS                                                                                                              | LOW              | QUALIFIED                     |                    |                                   |                                                |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | EN2667-2     | STRUCTURAL ADHESIVES<br>COMPRESSIVE TUBE SHEAR                                                                                                                                                  | LOW              | QUALIFIED                     |                    |                                   |                                                |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | AITM1-0018   | SANDWICH FLEXURAL TEST 4-POINT<br>BENDING                                                                                                                                                       | LOW              | QUALIFIED WITH<br>LIMITATIONS |                    | / SPECIMEN MACHINING NOT INCLUDED | 07/09/2022                                     |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | AITM1-0065   | FIBER REINFORCED PLASTICS<br>DETERMINATION OF JOINT<br>STRENGTH OF MECHANICALLY<br>FASTENED JOINTS                                                                                              | HIGH             | QUALIFIED WITH<br>LIMITATIONS |                    | / SPECIMEN MACHINING NOT INCLUDED | 07/09/2022                                     |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | AITM1-0066   | FIBRE REINFORCED PLASTICS -<br>DETERMINATION OF PULL-OUT/<br>PULL-THROUGH STRENGTH ON<br>RIVETED JOINTS                                                                                         | LOW              | QUALIFIED WITH<br>LIMITATIONS |                    | / SPECIMEN MACHINING NOT INCLUDED | 07/09/2022                                     |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | ISO2178      | NON-MAGNETIC COATINGS ON<br>MAGNETIC SUBSTRATES;<br>MEASUREMENT OF COATING<br>THICKNESS; MAGNETIC METHOD                                                                                        | LOW              | QUALIFIED                     |                    |                                   |                                                |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | ISO3887      | STEELS NON-ALLOY AND LOW-ALLOY<br>- DETERMINATION OF DEPTH OF<br>DECARBURIZATION                                                                                                                | LOW              | QUALIFIED                     |                    |                                   |                                                |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | AITM1-0067   | DETERMINATION OF TENSION<br>THROUGH THE HOLE STRENGTH ON<br>FASTENED JOINTS                                                                                                                     | LOW              | QUALIFIED                     |                    |                                   |                                                |
| 286347                 | LGAI<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                     | BELLATERRA            | ES                       | ISO643       | STEELS - MICROGRAPHIC<br>DETERMINATION OF THE APPARENT<br>GRAIN SIZE                                                                                                                            | LOW              | QUALIFIED                     |                    |                                   |                                                |

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| 286347              | LGA<br>TECHNOLOGICAL<br>CENTER SA | RD DE LA FONT<br>DEL CAME SN | 08193                  | BELLATERRA         | ES                    | ISO4624      | PAINTS AND VARNISHES - PULL-OFF<br>TEST FOR ADHESION                                                                                                                                                                                                        | LOW           | QUALIFIED                     |                 |                                    |                                       |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | ASTME112     | STANDARD TEST METHODS FOR<br>DETERMINING AVERAGE GRAIN SIZE                                                                                                                                                                                                 | LOW           | QUALIFIED WITH<br>LIMITATIONS |                 | PLANIMETRIC PROCEDURE NOT ALLOWED. | 14/11/2022                            |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | ISO6506      | METALLIC MATERIALS - BRINELL<br>HARDNESS TEST                                                                                                                                                                                                               | LOW           | QUALIFIED                     |                 |                                    |                                       |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | ISO6508      | METALLIC MATERIALS - ROCKWELL<br>HARDNESS TEST                                                                                                                                                                                                              | LOW           | QUALIFIED                     |                 |                                    |                                       |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | ISO6507      | METALLIC MATERIALS - VICKERS<br>HARDNESS TEST                                                                                                                                                                                                               | LOW           | QUALIFIED                     |                 |                                    |                                       |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | ASTMG34      | STANDARD PRACTICE FOR<br>EVALUATING EXFOLIATION<br>CORROSION SUSCEPTIBILITY IN<br>2XXX AND 7XXX SERIES ALUMINUM<br>ALLOYS                                                                                                                                   | LOW           | QUALIFIED                     |                 |                                    |                                       |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | ASTMG110     | STANDARD PRACTICE FOR<br>EVALUATING INTERGRANULAR<br>CORROSION RESISTANCE OF HEAT<br>TREATABLE ALUMINUM ALLOYS BY<br>IMERSION IN SODIUM CHLORIDE +<br>HYDROGEN PEROXIDE SOLUTION                                                                            | LOW           | QUALIFIED                     |                 |                                    |                                       |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | EN3114       | AEROSPACE SERIES -<br>MICROSTRUCTURE OF (A+?)<br>TITANIUM ALLOYS WROUGHT<br>PRODUCTS - PART?1 2 3 AND 4                                                                                                                                                     | LOW           | QUALIFIED                     |                 |                                    |                                       |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | ISO3651-1    | DETERMINATION OF RESISTANCE TO<br>INTERGRANULAR CORROSION OF<br>STAINLESS STEELS - PART 1:<br>AUSTENITIC AND FERRITIC-<br>AUSTENITIC (DUPLX) STAINLESS<br>STEELS - CORROSION TEST IN<br>NITRIC ACID MEDIUM BY<br>MEASUREMENT OF LOSS IN MASS<br>(HUEY TEST) | LOW           | QUALIFIED                     |                 |                                    |                                       |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | ISO3651-2    | DETERMINATION OF RESISTANCE TO<br>INTERGRANULAR CORROSION OF<br>STAINLESS STEELS - PART 2:<br>FERRITIC AUSTENITIC AND<br>FERRITIC-AUSTENITIC (DUPLX)<br>STAINLESS STEELS - CORROSION<br>TEST IN MEDIA CONTAINING<br>SULFURIC ACID                           | LOW           | QUALIFIED                     |                 |                                    |                                       |
| 276086              | 2MATECH                           | 19 AVENUE<br>BLAISE PASCAL   | 63173                  | AUBIERE            | FR                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL<br>ATMOSPHERES - SALT SPRAY TESTS                                                                                                                                                                                             | LOW           | AUTHORISED TO<br>PROCEED      | 31/03/2023      |                                    | 06/09/2022                            |



| Test Facility<br>ARPID | Test Facility<br>Name          | Test Facility<br>Street     | Test Facility<br>Zip-code | Test Facility<br>City | Test Facility<br>Country | TM Reference | TM Title                                                                                                                                                                                        | TM<br>Complexity | Qualification<br>status       | ATP Expiry<br>Date | Qualification<br>Limitations | Last<br>Qualification<br>status update<br>date |
|------------------------|--------------------------------|-----------------------------|---------------------------|-----------------------|--------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|--------------------|------------------------------|------------------------------------------------|
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | ISO1463      | MEASUREMENT OF COATING<br>THICKNESS - MICROSCOPICAL<br>METHODE                                                                                                                                  | LOW              | QUALIFIED                     |                    |                              |                                                |
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | ISO643       | STEELS - MICROGRAPHIC<br>DETERMINATION OF THE APPARENT<br>GRAIN SIZE                                                                                                                            | LOW              | QUALIFIED                     |                    |                              |                                                |
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | ASTME8       | STANDARD TEST METHODS FOR<br>TENSION TESTING OF METALLIC<br>MATERIALS                                                                                                                           | LOW              | QUALIFIED                     |                    |                              |                                                |
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | EN2002-1     | TENSILE TESTING AT AMBIENT<br>TEMPERATURE                                                                                                                                                       | LOW              | QUALIFIED WITH<br>LIMITATIONS |                    | ALSO QUALIFIED ASTM B557     | 26/08/2022                                     |
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | ASTME3       | STANDARD GUIDE FOR<br>PREPARATION OF METALLOGRAPHIC<br>SPECIMENS                                                                                                                                | LOW              | QUALIFIED                     |                    |                              |                                                |
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | ASTMA262     | STANDARD PRACTICES FOR<br>DETECTING SUSCEPTIBILITY TO<br>INTERGRANULAR ATTACK IN<br>AUSTENITIC STAINLESS STEELS                                                                                 | LOW              | QUALIFIED                     |                    |                              |                                                |
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | ASTME407     | TEST METHODE FOR MICROETCHING<br>OF METALS AND ALLOYS                                                                                                                                           | LOW              | QUALIFIED                     |                    |                              |                                                |
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | EN2003-9     | AEROSPACE SERIES - TEST<br>METHODS - TITANIUM AND TITANIUM<br>ALLOYS - PART 009: DETERMINATION<br>OF SURFACE CONTAMINATION                                                                      | LOW              | QUALIFIED                     |                    |                              |                                                |
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | ASTMG67      | STANDARD PRACTICE FOR<br>DETERMINING SUCSEPTIBILITY TO<br>INTERGRANULAR CORROSION<br>RESISTANCE OF 5XXX SERIES<br>ALUMINUM ALLOYS BY MASS LOSS<br>AFTER EXPOSURE TO NITRIC ACID<br>(NAMLT TEST) | LOW              | QUALIFIED                     |                    |                              |                                                |
| 276086                 | 2MATECH                        | 19 AVENUE<br>BLAISE PASCAL  | 63173                     | AUBIERE               | FR                       | ISO9220      | METALLIC COATINGS:<br>MEASUREMENT OF COATING<br>THICKNESS; SCANNING ELECTRON<br>MICROSCOPE METHOD                                                                                               | LOW              | QUALIFIED                     |                    |                              |                                                |
| 290825                 | BUREAU VERITAS<br>LABORATOIRES | 31 AVENUE<br>GUSTAVE EIFFEL | 33600                     | PESSAC                | FR                       | ASTME3       | STANDARD GUIDE FOR<br>PREPARATION OF METALLOGRAPHIC<br>SPECIMENS                                                                                                                                | LOW              | QUALIFIED                     |                    |                              |                                                |

| Test Facility ARPID | Test Facility Name          | Test Facility Street     | Test Facility Zip-code | Test Facility City | Test Facility Country | TM Reference | TM Title                                                                                                          | TM Complexity | Qualification status       | ATP Expiry Date | Qualification Limitations           | Last Qualification status update date |
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| 290825              | BUREAU VERITAS LABORATOIRES | 31 AVENUE GUSTAVE EIFFEL | 33600                  | PESSAC             | FR                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | COMPARISON PROCEDURE ONLY           | 29/07/2022                            |
| 290825              | BUREAU VERITAS LABORATOIRES | 31 AVENUE GUSTAVE EIFFEL | 33600                  | PESSAC             | FR                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 290825              | BUREAU VERITAS LABORATOIRES | 31 AVENUE GUSTAVE EIFFEL | 33600                  | PESSAC             | FR                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 290825              | BUREAU VERITAS LABORATOIRES | 31 AVENUE GUSTAVE EIFFEL | 33600                  | PESSAC             | FR                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION | LOW           | QUALIFIED WITH LIMITATIONS |                 | METHOD B                            |                                       |
| 290825              | BUREAU VERITAS LABORATOIRES | 31 AVENUE GUSTAVE EIFFEL | 33600                  | PESSAC             | FR                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                    | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 294826              | RESCOLL                     | RUE MAURICE MALLET       | 17303                  | ROCHEFORT CEDEX    | FR                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                            | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 294826              | RESCOLL                     | RUE MAURICE MALLET       | 17303                  | ROCHEFORT CEDEX    | FR                    | AITM1-0007   | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD                           | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 294826              | RESCOLL                     | RUE MAURICE MALLET       | 17303                  | ROCHEFORT CEDEX    | FR                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 294826              | RESCOLL                     | RUE MAURICE MALLET       | 17303                  | ROCHEFORT CEDEX    | FR                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                          | LOW           | AUTHORISED TO PROCEED      | 31/12/2022      |                                     | 28/11/2022                            |
| 294826              | RESCOLL                     | RUE MAURICE MALLET       | 17303                  | ROCHEFORT CEDEX    | FR                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                              | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                     |                                       |
| 294826              | RESCOLL                     | RUE MAURICE MALLET       | 17303                  | ROCHEFORT CEDEX    | FR                    | EN2243-3     | STRUCTURAL ADHESIVES PEELING TEST METAL HONEYCOMB-CORE DRUM PEEL TEST                                             | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO THE IGC 04-26-270 |                                       |

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| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                    | LOW           | QUALIFIED                  |                 |                                                  |                                       |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | EN2747       | GLASS FIBRE REINFORCED PLASTICS TENSILE TEST                                                 | LOW           | QUALIFIED                  |                 |                                                  |                                       |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                           | LOW           | QUALIFIED                  |                 |                                                  |                                       |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | EN2597       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PERPENDICULAR TO THE FIBRE DIRECTION           | LOW           | QUALIFIED                  |                 |                                                  |                                       |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                  | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                                  |                                       |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | AITM1-0018   | SANDWICH FLEXURAL TEST 4-POINT BENDING                                                       | LOW           | QUALIFIED                  |                 |                                                  |                                       |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                  | LOW           | QUALIFIED                  |                 |                                                  | 15/09/2022                            |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | ISO4516      | METALLIC AND OTHER INORGANIC COATINGS - VICKERS AND KNOOP MICROHARDNESS TESTS                | LOW           | QUALIFIED WITH LIMITATIONS |                 | KNOOP MICROHARDNESS NOT INCLUDED                 | 29/11/2022                            |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                   | LOW           | QUALIFIED                  |                 |                                                  |                                       |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | AITM1-0008   | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD | HIGH          | QUALIFIED WITH LIMITATIONS |                 | * LIMITED TO TYPE A1, A2, B1, B2, C1, C2, D1, D2 | 28/10/2022                            |
| 294826              | RESCOLL            | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                        | LOW           | QUALIFIED                  |                 |                                                  |                                       |

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| 294826              | RESCOLL                         | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | ISO1463      | MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE                                                                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 294826              | RESCOLL                         | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | ISO2360      | NON-CONDUCTIVE COATINGS ON NON-MAGNETIC ELECTRICALLY CONDUCTIVE BASIS MATERIALS - MEASUREMENT OF COATING THICKNESS - AMPLITUDE-SENSITIVE EDDY CURRENT METHOD | LOW           | QUALIFIED            |                 |                           |                                       |
| 294826              | RESCOLL                         | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                                                                           | HIGH          | QUALIFIED            |                 |                           |                                       |
| 294826              | RESCOLL                         | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | ISO4624      | PAINTS AND VARNISHES - PULL-OFF TEST FOR ADHESION                                                                                                            | LOW           | QUALIFIED            |                 |                           |                                       |
| 294826              | RESCOLL                         | RUE MAURICE MALLET   | 17303                  | ROCHEFORT CEDEX    | FR                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                                                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | AITM1-0018   | SANDWICH FLEXURAL TEST 4-POINT BENDING                                                                                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | ASTME238     | STANDARD TEST METHOD FOR PIN-TYPE BEARING TEST OF METALLIC MATERIALS                                                                                         | HIGH          | QUALIFIED            |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                                              | LOW           | QUALIFIED            |                 |                           | 28/09/2022                            |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS                                                | LOW           | QUALIFIED            |                 |                           |                                       |

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| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM1-0009   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF BEARING<br>STRENGTH BY EITHER PIN OR BOLT<br>BEARING CONFIGURATION                                                                 | HIGH          | QUALIFIED                     |                 |                                       |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM1-0010   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF COMPRESSION<br>STRENGTH AFTER IMPACT                                                                                               | HIGH          | QUALIFIED WITH<br>LIMITATIONS |                 | COMPRESSION TEST ONLY.                | 31/03/2022                            |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM1-0007   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF PLAIN HOLE<br>TENSILE STRENGTH COUNTERSUNK<br>HEAD                                                                                 | LOW           | QUALIFIED                     |                 |                                       |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM1-0019   | DETERMINATION OF TENSILE LAP<br>SHEAR STRENGTH OF COMPOSITE<br>JOINTS                                                                                                            | LOW           | QUALIFIED                     |                 |                                       |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | ASTMG110     | STANDARD PRACTICE FOR<br>EVALUATING INTERGRANULAR<br>CORROSION RESISTANCE OF HEAT<br>TREATABLE ALUMINUM ALLOYS BY<br>IMERSION IN SODIUM CHLORIDE +<br>HYDROGEN PEROXIDE SOLUTION | LOW           | QUALIFIED                     |                 |                                       |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | EN6072       | CONSTANT AMPLITUDE FATIGUE<br>TESTING                                                                                                                                            | HIGH          | QUALIFIED                     |                 |                                       | 04/11/2022                            |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM1-0005   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF INTERLAMINAR<br>FRACTURE TOUGHNESS ENERGY<br>MODE I                                                                                | HIGH          | QUALIFIED WITH<br>LIMITATIONS |                 | ALSO ACCORDING TO ASTM D5528          |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM1-0006   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF INTERLAMINAR<br>FRACTURE TOUGHNESS ENERGY<br>MODE II                                                                               | HIGH          | QUALIFIED                     |                 |                                       |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | ASTME384     | TEST METHODE FOR<br>MICROHARDNESS OF MATERIALS                                                                                                                                   | LOW           | QUALIFIED                     |                 |                                       |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | ISO6506      | METALLIC MATERIALS - BRINELL<br>HARDNESS TEST                                                                                                                                    | LOW           | QUALIFIED                     |                 |                                       |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | ISO6507      | METALLIC MATERIALS - VICKERS<br>HARDNESS TEST                                                                                                                                    | LOW           | QUALIFIED WITH<br>LIMITATIONS |                 | ALSO IN ACCORDANCE WITH AIPI04-00-005 |                                       |

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| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | ASTME407     | TEST METHODE FOR MICROETCHING<br>OF METALS AND ALLOYS                                                             | LOW           | QUALIFIED WITH<br>LIMITATIONS                |                 | Also according to AIP104-00-005                              |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | ASTME112     | STANDARD TEST METHODS FOR<br>DETERMINING AVERAGE GRAIN SIZE                                                       | LOW           | QUALIFIED                                    |                 |                                                              |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM4-0002   | MICROSTRUCTURAL<br>CHARACTERIZATION OF WELDED<br>ALUMINIUM STRUCTURES                                             | LOW           | QUALIFIED                                    |                 |                                                              |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | EN2002-1     | TENSILE TESTING AT AMBIENT<br>TEMPERATURE                                                                         | LOW           | QUALIFIED WITH<br>LIMITATIONS                |                 | INCLUDING ASTM B557                                          | 01/09/2022                            |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | EN2561       | CARBON FIBRE REINFORCED<br>PLASTICS TENSILE TEST PARALLEL<br>TO FIBRE DIRECTION                                   | LOW           | QUALIFIED                                    |                 |                                                              |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | EN2747       | GLASS FIBRE REINFORCED<br>PLASTICS TENSILE TEST                                                                   | LOW           | QUALIFIED                                    |                 |                                                              |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM4-0003   | TEST METHOD FOR DETERMINING<br>THE PORE CONTENT OF FIBER<br>REINFORCED PLASTICS USING<br>AUTOMATIC IMAGE ANALYSIS | HIGH          | QUALIFIED                                    |                 |                                                              |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | ASTME340     | TEST METHODE FOR<br>MACROETCHING OF METALS AND<br>ALLOYS                                                          | LOW           | QUALIFIED                                    |                 |                                                              |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | EN2597       | CARBON FIBRE REINFORCED<br>PLASTICS TENSILE TEST<br>PERPENDICULAR TO THE FIBRE<br>DIRECTION                       | LOW           | QUALIFIED                                    |                 |                                                              |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM1-0008   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF FILLED HOLE<br>COMPRESSION STRENGTH<br>COUNTERSUNK HEAD             | HIGH          | AUTHORISED TO<br>PROCEED WITH<br>LIMITATIONS | 31/01/2023      | *LIMITED TO SPECIMEN TYPE A1, A2 (UP TO 250 KN), B, C &<br>D | 07/10/2022                            |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2 | 28279                  | BREMEN             | DE                    | AITM1-0069   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF CURVED-BEAM<br>FAILURE LOAD                                         | HIGH          | QUALIFIED                                    |                 |                                                              |                                       |

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| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE<br>LAP SHEAR                                                                                                                        | LOW           | QUALIFIED                     |                 |                                                                                                                                                                                                                                      |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | AITM1-0053   | CARBON FIBRE REINFORCED<br>PLASTIC-DETERMINATION OF<br>FRACTURE TOUGHNESS ENERGY OF<br>BONDED JOINTS-MODE I-G1C                                                 | HIGH          | QUALIFIED WITH<br>LIMITATIONS |                 | Including Load Introduction using Blocks                                                                                                                                                                                             |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | AITM1-0065   | FIBER REINFORCED PLASTICS<br>DETERMINATION OF JOINT<br>STRENGTH OF MECHANICALLY<br>FASTENED JOINTS                                                              | HIGH          | QUALIFIED WITH<br>LIMITATIONS |                 | -NO SPECIMEN TYPE RESTRICTION, BOTH TYPES I, II AND<br>III ARE COVERED. / -ONLY PRE-ASSEMBLED SPECIMENS<br>ARE COVERED. / -FULL TEST TEMPERATURE RANGE IS<br>COVERED, TYPICALLY -60°C TO 180°C. / SPECIMEN<br>MACHINING NOT INCLUDED |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | AITM1-0066   | FIBRE REINFORCED PLASTICS -<br>DETERMINATION OF PULL-OUT/<br>PULL-THROUGH STRENGTH ON<br>RIVETED JOINTS                                                         | LOW           | QUALIFIED                     |                 |                                                                                                                                                                                                                                      |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | AITM1-0067   | DETERMINATION OF TENSION<br>THROUGH THE HOLE STRENGTH ON<br>FASTENED JOINTS                                                                                     | LOW           | QUALIFIED WITH<br>LIMITATIONS |                 | / SPECIMEN MACHINING NOT INCLUDED                                                                                                                                                                                                    | 07/09/2022                            |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | ISO643       | STEELS - MICROGRAPHIC<br>DETERMINATION OF THE APPARENT<br>GRAIN SIZE                                                                                            | LOW           | QUALIFIED                     |                 |                                                                                                                                                                                                                                      |                                       |
| 143041              | BK<br>WERKSTOFFTECH<br>NIK PRUEFSTELLE | ZUR<br>AUMUNDSWIESE 2   | 28279                  | BREMEN             | DE                    | ASTME3       | STANDARD GUIDE FOR<br>PREPARATION OF METALLOGRAPHIC<br>SPECIMENS                                                                                                | LOW           | QUALIFIED WITH<br>LIMITATIONS |                 | Also according to AIP104-00-005                                                                                                                                                                                                      |                                       |
| 262425              | GMA-<br>WERKSTOFFPRU<br>EFUNG GMBH     | JULIUS-LEBER-<br>WEG 24 | 21684                  | STADE              | DE                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER<br>WERKSTOFFE (UNGEH?RTET)<br>MITTELS DYNAMISCHER<br>DIFFERENZKALORIMETRIE                                                            | HIGH          | QUALIFIED                     |                 |                                                                                                                                                                                                                                      |                                       |
| 262425              | GMA-<br>WERKSTOFFPRU<br>EFUNG GMBH     | JULIUS-LEBER-<br>WEG 24 | 21684                  | STADE              | DE                    | AITM3-0027   | DETERMINATION OF THE MELTING<br>BEHAVIOUR AND THE EXTENT OF<br>CRYSTALLINITY OF SEMI-<br>CRYSTALLINE MATERIALS BY<br>DIFFERENTIAL SCANNING<br>CALORIMETRY (DSC) | HIGH          | QUALIFIED                     |                 |                                                                                                                                                                                                                                      | 14/10/2022                            |
| 262425              | GMA-<br>WERKSTOFFPRU<br>EFUNG GMBH     | JULIUS-LEBER-<br>WEG 24 | 21684                  | STADE              | DE                    | AITM3-0003   | ANALYSIS OF ORGANIC COMPOUNDS<br>BY INFRARED SPECTROSCOPY                                                                                                       | LOW           | QUALIFIED                     |                 |                                                                                                                                                                                                                                      |                                       |
| 262425              | GMA-<br>WERKSTOFFPRU<br>EFUNG GMBH     | JULIUS-LEBER-<br>WEG 24 | 21684                  | STADE              | DE                    | AITM1-0007   | FIBRE REINFORCED PLASTICS<br>DETERMINATION OF PLAIN HOLE<br>TENSILE STRENGTH COUNTERSUNK<br>HEAD                                                                | LOW           | AUTHORISED TO<br>PROCEED      | 31/03/2023      |                                                                                                                                                                                                                                      |                                       |

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| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                | LOW           | QUALIFIED WITH LIMITATIONS             |                 | ALSO QUALIFIED FOR QVA-Z10-46-09 (RESTRICTED TO LEGACY PROGRAMS)                     |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | AITM2-0001   | FASERVERSTÄRKTE KUNSTSTOFFE BESTIMMUNG DER EXOTHERMEN REAKTION VON PREPREG WÄHREND DER HERSTELLUNG             | LOW           | QUALIFIED                              |                 |                                                                                      |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                                       | HIGH          | QUALIFIED                              |                 |                                                                                      |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | AITM1-0002   | FIBRE REINFORCED PLASTICS DETERMINATION OF IN-PLANE-SHEAR PROPERTIES                                           | LOW           | QUALIFIED                              |                 |                                                                                      | 21/04/2022                            |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                                    | LOW           | QUALIFIED                              |                 |                                                                                      |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | EN2243-4     | STRUCTURAL ADHESIVES METAL-HONEYCOMB-CORE FLATWISE TENSILE TEST                                                | LOW           | QUALIFIED                              |                 |                                                                                      |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | EN2557       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA                           | LOW           | QUALIFIED                              |                 |                                                                                      |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | EN2558       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                         | LOW           | QUALIFIED WITH LIMITATIONS             |                 | ALSO QUALIFIED FOR QVA-Z10-46-11 (RESTRICTED TO LEGACY PROGRAMS)                     |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA | LOW           | QUALIFIED                              |                 |                                                                                      |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | EN2560       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN FLOW                               | LOW           | QUALIFIED WITH LIMITATIONS             |                 | ALSO QUALIFIED FOR QVA-Z10-46-33 AND I+D-E-242 (RESTRICTED TO LEGACY PROGRAMS)       |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBERWEG 24   | 21684                  | STADE              | DE                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                      | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | ALSO QUALIFIED FOR QVA-Z10-46-36 VERF.B AND I+D-E-26 (RESTRICTED TO LEGACY PROGRAMS) | 02/08/2022                            |



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| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24    | 21684                  | STADE              | DE                    | EN2747       | GLASS FIBRE REINFORCED PLASTICS TENSILE TEST                                                             | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                     |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24    | 21684                  | STADE              | DE                    | AITM1-0010   | FIBRE REINFORCED PLASTICS DETERMINATION OF COMPRESSION STRENGTH AFTER IMPACT                             | HIGH          | AUTHORISED TO PROCEED      | 31/03/2023      |                                                                                                                                                                                     | 02/11/2022                            |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24    | 21684                  | STADE              | DE                    | EN2597       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PERPENDICULAR TO THE FIBRE DIRECTION                       | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                     |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24    | 21684                  | STADE              | DE                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ***LIMITED TO TYPE B TEST PIECE***                                                                                                                                                  |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24    | 21684                  | STADE              | DE                    | AITM4-0003   | TEST METHOD FOR DETERMINING THE PORE CONTENT OF FIBER REINFORCED PLASTICS USING AUTOMATIC IMAGE ANALYSIS | HIGH          | QUALIFIED                  |                 |                                                                                                                                                                                     |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24    | 21684                  | STADE              | DE                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO QUALIFIED FOR I+D-E-31 (RESTRICTED TO LEGACY PROGRAMS)                                                                                                                         |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24    | 21684                  | STADE              | DE                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                                                    | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                     |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24    | 21684                  | STADE              | DE                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                       | HIGH          | QUALIFIED                  |                 |                                                                                                                                                                                     |                                       |
| 143441              | ELEMENT MATERIALS TECHNOLOGY | WHITE CROSS SOUTH ROAD | LA1 4XQ                | LANCASTER          | GB                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                       | HIGH          | AUTHORISED TO PROCEED      | 31/07/2020      |                                                                                                                                                                                     |                                       |
| 143441              | ELEMENT MATERIALS TECHNOLOGY | WHITE CROSS SOUTH ROAD | LA1 4XQ                | LANCASTER          | GB                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                           | HIGH          | QUALIFIED                  |                 |                                                                                                                                                                                     |                                       |
| 143441              | ELEMENT MATERIALS TECHNOLOGY | WHITE CROSS SOUTH ROAD | LA1 4XQ                | LANCASTER          | GB                    | ASTME647     | STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES                                       | HIGH          | QUALIFIED WITH LIMITATIONS |                 | LIMITED TO CT SPECIMENS AND DCPD (DIRECT CURRENT POTENTIAL DIFFERENCE) METHOD TO MONITOR THE CRACK LENGTH / ALLOYS OF AL, TI, NI, STEELS / 100KN TO 500KN TEST FRAMES & CLIP GAUGES |                                       |

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| 143441              | ELEMENT MATERIALS TECHNOLOGY | WHITE CROSS SOUTH ROAD | LA1 4XQ                | LANCASTER          | GB                    | AITM1-0042   | DETERMINATION OF FATIGUE CRACK GROWTH RATES FOR CLAD SHEET AND CLAD PLATE UP TO 12 MM IN CONSTANT-LOAD-AMPLITUDE TESTS          | HIGH          | QUALIFIED WITH LIMITATIONS             |                 | ALLOYS OF AL, TI, NI, STEELS / LIMITED TO CT SPECIMENS AND DCPD (DIRECT CURRENT POTENTIAL DIFFERENCE) METHOD TO MONITOR THE CRACK LENGTH |                                       |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | EN3976       | TITANIUM AND TITANIUM ALLOYS - CHEMICAL ANALYSIS FOR THE DETERMINATION OF HYDROGENCONTENT.                                      | LOW           | QUALIFIED                              |                 |                                                                                                                                          |                                       |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE | LOW           | QUALIFIED WITH LIMITATIONS             |                 | NITROGEN ONLY                                                                                                                            | 30/11/2022                            |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | EN10276      | DETERMINATION FO OXYGENIN STEEL AND IRON.                                                                                       | LOW           | QUALIFIED                              |                 |                                                                                                                                          |                                       |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                                          | LOW           | QUALIFIED                              |                 |                                                                                                                                          |                                       |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                          | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/12/2022      | WITHOUT YOUNG'S MODULUS                                                                                                                  | 01/03/2022                            |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                                         | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/12/2022      | WITHOUT YOUNG'S MODULUS                                                                                                                  | 28/10/2022                            |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                 | LOW           | QUALIFIED                              |                 |                                                                                                                                          | 02/11/2022                            |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS                         | LOW           | AUTHORISED TO PROCEED                  | 31/12/2022      |                                                                                                                                          |                                       |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                     | LOW           | QUALIFIED WITH LIMITATIONS             |                 | MICROHV ONLY                                                                                                                             |                                       |
| 295929              | INCOTEST                     | HOLMER ROAD            | HR4 9SL                | HEREFORD           | GB                    | ISO4516      | METALLIC AND OTHER INORGANIC COATINGS - VICKERS AND KNOOP MICROHARDNESS TESTS                                                   | LOW           | QUALIFIED WITH LIMITATIONS             |                 | ONLY MICRO-VICKERS                                                                                                                       |                                       |

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| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                      | LOW           | QUALIFIED             |                 |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | EN3683       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOY WROUGHT PRODUCTS - DETERMINATION OF PRIMARY A CONTENT - POINT COUNT METHOD AND LINE INTERCEPT METHOD     | LOW           | QUALIFIED             |                 |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | EN3684       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOYS WROUGHT PRODUCTS - DETERMINATION OF ? TRANSUS TEMPERATURE - METALLOGRAPHIC METHOD                       | LOW           | QUALIFIED             |                 |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                        | LOW           | QUALIFIED             |                 |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                | LOW           | QUALIFIED             |                 |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                                               | LOW           | AUTHORISED TO PROCEED | 31/12/2022      |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                | LOW           | QUALIFIED             |                 |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | ASTME572     | STANDARD TEST METHOD FOR ANALYSIS OF STAINLESS AND ALLOY STEELS BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                                                            | LOW           | QUALIFIED             |                 |                           |                                       |
| 295929              | INCOTEST           | HOLMER ROAD          | HR4 9SL                | HEREFORD           | GB                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED             |                 |                           |                                       |

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| 295929              | INCOTEST                     | HOLMER ROAD                   | HR4 9SL                | HEREFORD           | GB                    | ASTME1941    | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 295929              | INCOTEST                     | HOLMER ROAD                   | HR4 9SL                | HEREFORD           | GB                    | ASTME2371    | STANDARD TEST METHOD FOR ANALYSIS OF TITANIUM AND TITANIUM ALLOYS BY ATOMIC EMISSION PLASMA SPECTROMETRY        | LOW           | AUTHORISED TO PROCEED      | 31/12/2022      |                           |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                   | 4900                   | LANGENTHAL         | CH                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST                   | LOW           | QUALIFIED                  |                 |                           |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                   | 4900                   | LANGENTHAL         | CH                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                         | LOW           | QUALIFIED                  |                 |                           |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                   | 4900                   | LANGENTHAL         | CH                    | AITM2-0006   | DETERMINATION OF HEAT RELEASE AND HEAT RELEASE RATE OF AIRCRAFT MATERIALS                                       | HIGH          | QUALIFIED                  |                 |                           | 22/09/2022                            |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                   | 4900                   | LANGENTHAL         | CH                    | AITM2-0007   | DETERMINATION OF THE SPECIFIC OPTICAL SMOKE DENSITY OF COMPONENT PARTS OR SUB-ASSEMBLIES OF AIRCRAFT ASSEMBLIES | HIGH          | AUTHORISED TO PROCEED      | 31/01/2023      |                           |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                   | 4900                   | LANGENTHAL         | CH                    | AITM2-0009   | FIRE RESISTANCE OF AIRCRAFT SEAT CUSHION UTILIZING A HIGH INTENSITY OPEN FLAME                                  | HIGH          | QUALIFIED                  |                 |                           |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                   | 4900                   | LANGENTHAL         | CH                    | AITM3-0005   | DETERMINATION OF SPECIFIC GAS COMPONENTS OF SMOKE GENERATED BY AIRCRAFT INTERIOR MATERIALS                      | HIGH          | AUTHORISED TO PROCEED      | 31/01/2023      |                           |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                   | 4900                   | LANGENTHAL         | CH                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45° BUNSEN BURNER TEST                                | LOW           | QUALIFIED                  |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | INCLUDING ASTM B557       | 01/09/2022                            |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                                              | HIGH          | QUALIFIED                  |                 |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                                                  | HIGH          | QUALIFIED                  |                 |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTME647     | STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES                                                              | HIGH          | QUALIFIED WITH LIMITATIONS |                 | Restricted to specimens of the type CT. |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTME238     | STANDARD TEST METHOD FOR PIN-TYPE BEARING TEST OF METALLIC MATERIALS                                                            | HIGH          | AUTHORISED TO PROCEED      | 31/01/2023      |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                                               | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS                   | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0007   | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD                                         | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO527-5     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 5: TEST CONDITIONS FOR UNIDIRECTIONAL FIBRE-REINFORCED PLASTIC COMPOSITES | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                                       | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2597       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PERPENDICULAR TO THE FIBRE DIRECTION                                              | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2747       | GLASS FIBRE REINFORCED PLASTICS TENSILE TEST                                                                                    | LOW           | QUALIFIED                  |                 |                                         |                                       |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2243-4     | STRUCTURAL ADHESIVES METAL-HONEYCOMB- CORE FLATWISE TENSILE TEST                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0002   | FIBRE REINFORCED PLASTICSDETERMINATION OF IN-PLANE-SHEAR PROPERTIES                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH              | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2377       | GLASS FIBRE REINFORCED PLASTICS; TEST METHOD; DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGHT | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2667-2     | STRUCTURAL ADHESIVES COMPRESSIVE TUBE SHEAR                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0018   | SANDWICH FLEXURAL TEST 4-POINT BENDING                                                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTMD1876    | STANDARD TEST METHOD FOR PEEL RESISTANCE OF ADHESIVES (T-PEEL TEST)                                 | LOW           | QUALIFIED            |                 |                           |                                       |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2243-3     | STRUCTURAL ADHESIVES PEELING TEST METAL HONEYCOMB-CORE DRUM PEEL TEST                                                                            | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2243-2     | STRUCTURAL ADHESIVES PEEL METAL-METAL FLOATING ROLLER                                                                                            | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0029   | DETERMINATION OF TENSILE STRENGTH OF TAPERED OR STEPPED JOINTS                                                                                   | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0009   | FIBRE REINFORCED PLASTICS DETERMINATION OF BEARING STRENGTH BY EITHER PIN OR BOLT BEARING CONFIGURATION                                          | HIGH          | QUALIFIED                  |                 |                                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0005   | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I                                                         | HIGH          | QUALIFIED                  |                 |                                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C                                           | HIGH          | QUALIFIED                  |                 |                                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0069   | FIBRE REINFORCED PLASTICS DETERMINATION OF CURVED-BEAM FAILURE LOAD                                                                              | HIGH          | QUALIFIED WITH LIMITATIONS |                 | Limited to specimens below 10mm thickness |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA                                   | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION        | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2558       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                                                           | LOW           | QUALIFIED                  |                 |                                           |                                       |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2560       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN FLOW               | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2557       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA           | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM3-0003   | ANALYSIS OF ORGANIC COMPOUNDS BY INFRARED SPECTROSCOPY                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                             | HIGH          | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEH?RTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE    | HIGH          | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                       | HIGH          | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO1519      | PAINTS AND VARNISHES - BEND TEST (CYLINDRICAL MANDREL)                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM3-0004   | DETERMINATION OF GEL TIME AND VISCOSITY                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                     | LOW           | QUALIFIED            |                 |                           |                                       |



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| 277364              | ELEMENT MATERIALS TECHNOLOGY  | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0065   | FIBER REINFORCED PLASTICS DETERMINATION OF JOINT STRENGTH OF MECHANICALLY FASTENED JOINTS                                                                 | HIGH          | QUALIFIED             |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY  | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR                                                  | HIGH          | AUTHORISED TO PROCEED | 31/01/2023      |                           | 23/09/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN                   | 100095                 | BEIJING            | CN                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                           | LOW           | QUALIFIED             |                 |                           | 02/11/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN                   | 100095                 | BEIJING            | CN                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                           | LOW           | QUALIFIED             |                 |                           | 02/11/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN                   | 100095                 | BEIJING            | CN                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                                  | LOW           | QUALIFIED             |                 |                           | 21/04/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN                   | 100095                 | BEIJING            | CN                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                | LOW           | QUALIFIED             |                 |                           | 21/04/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN                   | 100095                 | BEIJING            | CN                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                                               | LOW           | QUALIFIED             |                 |                           | 21/04/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN                   | 100095                 | BEIJING            | CN                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                         | LOW           | QUALIFIED             |                 |                           | 21/04/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN                   | 100095                 | BEIJING            | CN                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED             |                 |                           | 02/11/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN                   | 100095                 | BEIJING            | CN                    | ASTME1941    | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS                                                         | LOW           | QUALIFIED             |                 |                           | 02/11/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN                   | 100095                 | BEIJING            | CN                    | ASTME2371    | STANDARD TEST METHOD FOR ANALYSIS OF TITANIUM AND TITANIUM ALLOYS BY ATOMIC EMISSION PLASMA SPECTROMETRY                                                  | LOW           | QUALIFIED             |                 |                           | 02/11/2022                            |

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| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                        | LOW           | QUALIFIED WITH LIMITATIONS |                 | Also according to LC-PE-063                                                      |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                        | LOW           | QUALIFIED WITH LIMITATIONS |                 | NOT QUALIFIED FOR YOUNG MODULUS AND ELONGATION <sup>4D</sup> INCLUDING ASTM B557 |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                                              | LOW           | QUALIFIED WITH LIMITATIONS |                 | Also According to UNE-EN 910                                                     |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                    | LOW           | QUALIFIED WITH LIMITATIONS |                 | Also according to LC-PE-021                                                      |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                   | LOW           | QUALIFIED                  |                 |                                                                                  |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                      | LOW           | QUALIFIED                  |                 |                                                                                  |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                            | LOW           | QUALIFIED                  |                 |                                                                                  |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                            | LOW           | QUALIFIED                  |                 |                                                                                  |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                   | LOW           | QUALIFIED                  |                 |                                                                                  |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                    | LOW           | QUALIFIED                  |                 |                                                                                  |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS | LOW           | QUALIFIED                  |                 |                                                                                  |                                       |

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| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTMG110     | STANDARD PRACTICE FOR EVALUATING INTERGRANULAR CORROSION RESISTANCE OF HEAT TREATABLE ALUMINUM ALLOYS BY IMERSION IN SODIUM CHLORIDE + HYDROGEN PEROXIDE SOLUTION | LOW           | QUALIFIED WITH LIMITATIONS             |                 | Also according to LC-PE-022                |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                                                                         | LOW           | QUALIFIED                              |                 |                                            |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                                                                   | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | ALSO ACCORDING TO I+D-E 352                | 22/02/2022                            |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                                                            | LOW           | QUALIFIED                              |                 |                                            |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0005   | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I                                                                          | HIGH          | QUALIFIED                              |                 |                                            |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C                                                            | HIGH          | QUALIFIED WITH LIMITATIONS             |                 | Valid for the Issue 4 of the test standard |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD                  | LOW           | QUALIFIED                              |                 |                                            |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA                                                    | LOW           | QUALIFIED                              |                 |                                            |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2558       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                                                                            | LOW           | QUALIFIED                              |                 |                                            |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0004   | DETERMINATION OF GEL TIME AND VISCOSITY                                                                                                                           | LOW           | QUALIFIED                              |                 |                                            |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2560       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN FLOW                                                                                  | LOW           | QUALIFIED                              |                 |                                            |                                       |

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| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2557       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0003   | ANALYSIS OF ORGANIC COMPOUNDS BY INFRARED SPECTROSCOPY                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEH?RTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE           | HIGH          | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                              | HIGH          | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2813      | PAINTS AND VARNISHES - DETERMINATION OF SPECULAR GLOSS OF NON-METALLIC PAINT FILMS AT 20? 60? UND 85? | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO1518      | PAINTS AND VARNISHES; SCRATCH TEST                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD        | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO1519      | PAINTS AND VARNISHES - BEND TEST (CYLINDRICAL MANDREL)                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM2-0013   | DETERMINATION OF SEALANT ADHESION BY LINEAR DEBONDING TEST                                            | HIGH          | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0030   | SEALANTS: DETERMINATION OF LAP SHEAR STRENGTH                                                         | LOW           | QUALIFIED            |                 |                           |                                       |

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| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | NASM1312-1   | FASTENER TEST METHODS SALT SPRAY                                      | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | NASM1312-6   | FASTENER TEST METHODS HARDNESS                                        | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | NASM1312-20  | FASTENER TEST METHODS SINGLE SHEAR                                    | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | NASM1312-31  | FASTENER TEST METHODS TORQUE                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | Also according to LC-PE-008 |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                 | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2243-3     | STRUCTURAL ADHESIVES PEELING TEST METAL HONEYCOMB-CORE DRUM PEEL TEST | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2243-2     | STRUCTURAL ADHESIVES PEEL METAL-METAL FLOATING ROLLER                 | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0033   | SEALANTS: DETERMINATION OF THE CURING RATE OF SEALING MATERIALS       | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM2-0034   | SEALANTS: DETERMINATION OF TACK-FREE TIME OF SEALING MATERIALS        | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM2-0033   | SEALANTS: DETERMINATION OF SLUMP                                      | LOW           | QUALIFIED                  |                 |                             |                                       |

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| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0025   | BESTIMMUNG DES FESTK? RPERGEHALTS                                                                                                                            | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM7-0003   | SEALANTS: DETERMINATION OF APPLICATION TOME OF SEALING MATERIALS                                                                                             | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM2-0027   | DETERMINATION OF COLOUR DIFFERENCES                                                                                                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | Also according to UNE 48073 |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2811-1    | PAINTS AND VARNISHES - DETERMINATION OF DENSITY - PART 1: PYKNOMETER METHOD                                                                                  | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO3251      | PAINTS VARNISHES AND PLASTICS - DETERMINATION OF NON-VOLATILE-MATTER CONTENT                                                                                 | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                                                                                  | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0032   | DETERMINATION OF NON HARDENING CHARACTERISTIC OF SEALANT                                                                                                     | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0070   | SURFACE ROUGHNESS MEASUREMENTS USING SURFACE STYLUS METHODS                                                                                                  | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0030   | TITRATION OF SULPHURIC AND TARTARIC ACID IN ANODIZING ELECTROLYTES                                                                                           | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2360      | NON-CONDUCTIVE COATINGS ON NON-MAGNETIC ELECTRICALLY CONDUCTIVE BASIS MATERIALS - MEASUREMENT OF COATING THICKNESS - AMPLITUDE-SENSITIVE EDDY CURRENT METHOD | LOW           | QUALIFIED                  |                 |                             |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO1463      | MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE                                                                                                     | LOW           | QUALIFIED                  |                 |                             |                                       |

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| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2143      | ANODIZING OF ALUMINIUM AND ITS ALLOYS - ESTIMATION OF LOSS OF ABSORPTIVE POWER OF ANODIC OXIDATION COATINGS AFTER SEALING - DYE-SPOT TEST WITH PRIOR ACID TREATMENT | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | AITM1-0007   | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD                                                                             | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | ISO527-5     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 5: TEST CONDITIONS FOR UNIDIRECTIONAL FIBRE-REINFORCED PLASTIC COMPOSITES                                     | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                                                                           | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | EN2597       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PERPENDICULAR TO THE FIBRE DIRECTION                                                                                  | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | AITM1-0002   | FIBRE REINFORCED PLASTICS DETERMINATION OF IN-PLANE-SHEAR PROPERTIES                                                                                                | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                                                                     | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                                                              | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                                                                                          | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | AITM1-0005   | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I                                                                            | HIGH          | QUALIFIED                  |                 |                                   |                                       |
| 260011              | UNIVERSITAT DE GIRONA       | CL PIC DE PEGUERA 15 | 17003                  | GIRONA                           | ES                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C                                                              | HIGH          | QUALIFIED WITH LIMITATIONS |                 | VALID FOR THE ISSUE 4 OF THE NORM |                                       |

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| 260011              | UNIVERSITAT DE GIRONA         | CL PIC DE PEGUERA 15 | 17003                  | GIRONA             | ES                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION | LOW           | QUALIFIED             |                 |                           |                                       |
| 260011              | UNIVERSITAT DE GIRONA         | CL PIC DE PEGUERA 15 | 17003                  | GIRONA             | ES                    | ISO11358     | PLASTICS - THERMOGRAVIMETRY (TG) OF POLYMERS                                                                                              | LOW           | QUALIFIED             |                 |                           |                                       |
| 260011              | UNIVERSITAT DE GIRONA         | CL PIC DE PEGUERA 15 | 17003                  | GIRONA             | ES                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEHRTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE                                                | HIGH          | QUALIFIED             |                 |                           |                                       |
| 260011              | UNIVERSITAT DE GIRONA         | CL PIC DE PEGUERA 15 | 17003                  | GIRONA             | ES                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                                                                  | HIGH          | QUALIFIED             |                 |                           |                                       |
| 135583              | AVIC CABIN SYSTEMS UK LIMITED | PEMBROKE AVENUE      | CB25 9QR               | CAMBRIDGE          | GB                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST                                             | LOW           | AUTHORISED TO PROCEED | 31/12/2022      |                           |                                       |
| 135583              | AVIC CABIN SYSTEMS UK LIMITED | PEMBROKE AVENUE      | CB25 9QR               | CAMBRIDGE          | GB                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 135583              | AVIC CABIN SYSTEMS UK LIMITED | PEMBROKE AVENUE      | CB25 9QR               | CAMBRIDGE          | GB                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45° BUNSEN BURNER TEST                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 135583              | AVIC CABIN SYSTEMS UK LIMITED | PEMBROKE AVENUE      | CB25 9QR               | CAMBRIDGE          | GB                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60° BUNSEN BURNER TEST                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 135583              | AVIC CABIN SYSTEMS UK LIMITED | PEMBROKE AVENUE      | CB25 9QR               | CAMBRIDGE          | GB                    | AITM2-0038   | FLAMMABILITY OF NONMETALLIC HEAT SHRINKABLE TUBINGS - SMALL BURNER TEST 60° -                                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 135583              | AVIC CABIN SYSTEMS UK LIMITED | PEMBROKE AVENUE      | CB25 9QR               | CAMBRIDGE          | GB                    | AITM2-0007   | DETERMINATION OF THE SPECIFIC OPTICAL SMOKE DENSITY OF COMPONENT PARTS OR SUB-ASSEMBLIES OF AIRCRAFT ASSEMBLIES                           | HIGH          | AUTHORISED TO PROCEED | 31/01/2023      |                           |                                       |
| 135583              | AVIC CABIN SYSTEMS UK LIMITED | PEMBROKE AVENUE      | CB25 9QR               | CAMBRIDGE          | GB                    | AITM2-0008   | DETERMINATION OF THE OPTICAL SMOKE DENSITY OF ELECTRICAL AND NON-ELECTRICAL CABLE                                                         | HIGH          | AUTHORISED TO PROCEED | 31/01/2023      |                           |                                       |



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| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM1-0008   | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD                                                     | HIGH          | QUALIFIED                  |                 |                                                      |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM1-0005   | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I                                                         | HIGH          | AUTHORISED TO PROCEED      | 30/11/2022      |                                                      |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C                                           | HIGH          | QUALIFIED                  |                 |                                                      |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                                                               | HIGH          | QUALIFIED WITH LIMITATIONS |                 | Restricted to equipment qualified through QCS 131029 |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | ISO11358     | PLASTICS - THERMOGRAVIMETRY (TG) OF POLYMERS                                                                                                     | LOW           | QUALIFIED                  |                 |                                                      |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEH?RTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE                                                      | HIGH          | AUTHORISED TO PROCEED      | 30/11/2022      |                                                      |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM1-0007   | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD                                                          | LOW           | QUALIFIED                  |                 |                                                      |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | ISO527-5     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 5: TEST CONDITIONS FOR UNIDIRECTIONAL FIBRE-REINFORCED PLASTIC COMPOSITES                  | LOW           | QUALIFIED                  |                 |                                                      |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | EN2377       | GLASS FIBRE REINFORCED PLASTICS; TEST METHOD: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                              | LOW           | QUALIFIED                  |                 |                                                      |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                                                                       | LOW           | QUALIFIED                  |                 |                                                      |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD | LOW           | QUALIFIED                  |                 |                                                      |                                       |

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| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST  | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST        | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45° BUNSEN BURNER TEST               | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                      | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                       | HIGH          | AUTHORISED TO PROCEED                  | 30/11/2022      |                                 |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM3-0004   | DETERMINATION OF GEL TIME AND VISCOSITY                                                        | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS | LOW           | QUALIFIED WITH LIMITATIONS             |                 | Also according to IGC 04.26.230 |                                       |
| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH         | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE              | 64121                  | SERRES-CASTET CEDEX | FR                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                         | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE              | 64121                  | SERRES-CASTET CEDEX | FR                    | EN2832       | HYDROGEN EMBRITTLEMENT OF STEELS; NOTCHED SPECIMEN TEST                                        | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE              | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                           | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 30/11/2022      | ACCORDING TO NF A04-106         | 04/04/2022                            |

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| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | EN3683       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOY WROUGHT PRODUCTS - DETERMINATION OF PRIMARY A CONTENT - POINT COUNT METHOD AND LINE INTERCEPT METHOD             | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                                      | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTMG110     | STANDARD PRACTICE FOR EVALUATING INTERGRANULAR CORROSION RESISTANCE OF HEAT TREATABLE ALUMINUM ALLOYS BY IMERSION IN SODIUM CHLORIDE + HYDROGEN PEROXIDE SOLUTION | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO4516      | METALLIC AND OTHER INORGANIC COATINGS - VICKERS AND KNOOP MICROHARDNESS TESTS                                                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI   | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |

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| 296665              | LABORATOIRE ECCI         | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO3651-1    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 1: AUSTENITIC AND FERRITIC-AUSTENITIC (DUPLIX) STAINLESS STEELS - CORROSION TEST IN NITRIC ACID MEDIUM BY MEASUREMENT OF LOSS IN MASS (HUEY TEST) | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI         | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                                                                                                                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI         | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                                                                                                                                              | LOW           | QUALIFIED WITH LIMITATIONS |                 | LIMITED TO METHOD 7C      | 03/05/2022                            |
| 296665              | LABORATOIRE ECCI         | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO1463      | MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE                                                                                                                                                                            | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI         | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO2178      | NON-MAGNETIC COATINGS ON MAGNETIC SUBSTRATES; MEASUREMENT OF COATING THICKNESS; MAGNETIC METHOD                                                                                                                                     | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI         | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO3887      | STEELS NON-ALLOY AND LOW-ALLOY - DETERMINATION OF DEPTH OF DECARBURIZATION                                                                                                                                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI         | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                                                                                                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI         | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                                                                                                                                      | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI         | 185 RUE DE BIELLE    | 64121                  | SERRES-CASTET CEDEX | FR                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART 1 2 3 AND 4                                                                                                                                      | LOW           | QUALIFIED                  |                 |                           |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT | WIENER STR. 12       | 28359                  | BREMEN              | DE                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                                                                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT | WIENER STR. 12       | 28359                  | BREMEN              | DE                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                                                                                                  | LOW           | QUALIFIED                  |                 |                           |                                       |

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| 160505              | IFAM-FRAUNHOFER INSTITUT    | WIENER STR. 12                | 28359                  | BREMEN             | DE                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                           | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT    | WIENER STR. 12                | 28359                  | BREMEN             | DE                    | AITM1-0005   | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I               | HIGH          | QUALIFIED                  |                 |                                     |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT    | WIENER STR. 12                | 28359                  | BREMEN             | DE                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C | HIGH          | QUALIFIED                  |                 |                                     |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT    | WIENER STR. 12                | 28359                  | BREMEN             | DE                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                  | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT    | WIENER STR. 12                | 28359                  | BREMEN             | DE                    | ISO1518      | PAINTS AND VARNISHES; SCRATCH TEST                                                                     | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT    | WIENER STR. 12                | 28359                  | BREMEN             | DE                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD         | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT    | WIENER STR. 12                | 28359                  | BREMEN             | DE                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                 | LOW           | QUALIFIED WITH LIMITATIONS |                 | - ONLY FOR EDDY CURRENT MEASUREMENT |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | EN2832       | HYDROGEN EMBRITTLEMENT OF STEELS; NOTCHED SPECIMEN TEST                                                | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                             | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                     | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                           | LOW           | QUALIFIED                  |                 |                                     |                                       |

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| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ASTMG110     | STANDARD PRACTICE FOR EVALUATING INTERGRANULAR CORROSION RESISTANCE OF HEAT TREATABLE ALUMINUM ALLOYS BY IMERSION IN SODIUM CHLORIDE + HYDROGEN PEROXIDE SOLUTION                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO3651-1    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 1: AUSTENITIC AND FERRITIC-AUSTENITIC (DUPEX) STAINLESS STEELS - CORROSION TEST IN NITRIC ACID MEDIUM BY MEASUREMENT OF LOSS IN MASS (HUEY TEST) | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO2813      | PAINTS AND VARNISHES - DETERMINATION OF SPECULAR GLOSS OF NON-METALLIC PAINT FILMS AT 20? 60? UND 85?                                                                                                                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                                                                                                                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO1518      | PAINTS AND VARNISHES; SCRATCH TEST                                                                                                                                                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD                                                                                                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO1519      | PAINTS AND VARNISHES - BEND TEST (CYLINDRICAL MANDREL)                                                                                                                                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                                                                                                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO1463      | MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE                                                                                                                                                                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO2360      | NON-CONDUCTIVE COATINGS ON NON-MAGNETIC ELECTRICALLY CONDUCTIVE BASIS MATERIALS - MEASUREMENT OF COATING THICKNESS - AMPLITUDE-SENSITIVE EDDY CURRENT METHOD                                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO2819      | METALLIC COATINGS ON METALLIC SUBSTRATES; ELECTRODEPOSITED AND CHEMICALLY DEPOSITED COATINGS; REVIEW OF METHODS AVAILABLE FOR TESTING ADHESION                                                                                     | LOW           | QUALIFIED            |                 |                           |                                       |

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| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO         | US                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO         | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED            |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO         | US                    | AITM3-0030   | TITRATION OF SULPHURIC AND TARTARIC ACID IN ANODIZING ELECTROLYTES                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO         | US                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO         | US                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO         | US                    | ASTMG85      | STANDARD PRACTICE FOR MODIFIED SALT SPRAY (FOG) TESTING EXPERTISE: EDSWB / MAIN USER: EDSWO                                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO         | US                    | ASTMD1876    | STANDARD TEST METHOD FOR PEEL RESISTANCE OF ADHESIVES (T-PEEL TEST)                                                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 306784              | SGS NORTH AMERICA INC       | 96 ALLEN BOULEVARD            | 11735-5626             | FARMINGDALE        | US                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 306784              | SGS NORTH AMERICA INC       | 96 ALLEN BOULEVARD            | 11735-5626             | FARMINGDALE        | US                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 306784              | SGS NORTH AMERICA INC       | 96 ALLEN BOULEVARD            | 11735-5626             | FARMINGDALE        | US                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45° BUNSEN BURNER TEST                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |

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| 306784              | SGS NORTH AMERICA INC              | 96 ALLEN BOULEVARD   | 11735-5626             | FARMINGDALE        | US                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60? BUNSEN BURNER TEST                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 306784              | SGS NORTH AMERICA INC              | 96 ALLEN BOULEVARD   | 11735-5626             | FARMINGDALE        | US                    | AITM2-0053   | DETERMINATION OF FLAMMABILITY AND FLAME PROPAGATION OF THERMAL/ACOUSTIC INSULATION MATERIALS - RADIANT PANEL TEST | HIGH          | QUALIFIED             |                 |                           | 01/07/2022                            |
| 306784              | SGS NORTH AMERICA INC              | 96 ALLEN BOULEVARD   | 11735-5626             | FARMINGDALE        | US                    | AITM2-0006   | DETERMINATION OF HEAT RELEASE AND HEAT RELEASE RATE OF AIRCRAFT MATERIALS                                         | HIGH          | AUTHORISED TO PROCEED | 31/01/2023      |                           |                                       |
| 306784              | SGS NORTH AMERICA INC              | 96 ALLEN BOULEVARD   | 11735-5626             | FARMINGDALE        | US                    | AITM2-0008   | DETERMINATION OF THE OPTICAL SMOKE DENSITY OF ELECTRICAL AND NON-ELECTRICAL CABLE                                 | HIGH          | QUALIFIED             |                 |                           |                                       |
| 306784              | SGS NORTH AMERICA INC              | 96 ALLEN BOULEVARD   | 11735-5626             | FARMINGDALE        | US                    | AITM2-0009   | FIRE RESISTANCE OF AIRCRAFT SEAT CUSHION UTILIZING A HIGH INTENSITY OPEN FLAME                                    | HIGH          | QUALIFIED             |                 |                           | 29/06/2022                            |
| 306784              | SGS NORTH AMERICA INC              | 96 ALLEN BOULEVARD   | 11735-5626             | FARMINGDALE        | US                    | AITM2-0010   | FIRE RESISTANCE OF AIRCRAFT CARGO COMPARTMENT LINING MATERIALS UTILIZING A HIGH INTENSITY OPEN FLAME              | HIGH          | QUALIFIED             |                 |                           | 04/07/2022                            |
| 261957              | CENTRO DE TECNOLOGIAS AERONAUTICAS | CL JUAN DE LA CIERVA | 01510                  | MINANO             | ES                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                           | LOW           | QUALIFIED             |                 |                           |                                       |
| 261957              | CENTRO DE TECNOLOGIAS AERONAUTICAS | CL JUAN DE LA CIERVA | 01510                  | MINANO             | ES                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45? BUNSEN BURNER TEST                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 261957              | CENTRO DE TECNOLOGIAS AERONAUTICAS | CL JUAN DE LA CIERVA | 01510                  | MINANO             | ES                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60? BUNSEN BURNER TEST                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 261957              | CENTRO DE TECNOLOGIAS AERONAUTICAS | CL JUAN DE LA CIERVA | 01510                  | MINANO             | ES                    | AITM2-0009   | FIRE RESISTANCE OF AIRCRAFT SEAT CUSHION UTILIZING A HIGH INTENSITY OPEN FLAME                                    | HIGH          | QUALIFIED             |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH             | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST                     | LOW           | QUALIFIED             |                 |                           |                                       |



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| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45? BUNSEN BURNER TEST                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60? BUNSEN BURNER TEST                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0006   | DETERMINATION OF HEAT RELEASE AND HEAT RELEASE RATE OF AIRCRAFT MATERIALS                                         | HIGH          | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0007   | DETERMINATION OF THE SPECIFIC OPTICAL SMOKE DENSITY OF COMPONENT PARTS OR SUB-ASSEMBLIES OF AIRCRAFT ASSEMBLIES   | HIGH          | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0008   | DETERMINATION OF THE OPTICAL SMOKE DENSITY OF ELECTRICAL AND NON-ELECTRICAL CABLE                                 | HIGH          | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0009   | FIRE RESISTANCE OF AIRCRAFT SEAT CUSHION UTILIZING A HIGH INTENSITY OPEN FLAME                                    | HIGH          | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0010   | FIRE RESISTANCE OF AIRCRAFT CARGO COMPARTMENT LINING MATERIALS UTILIZING A HIGH INTENSITY OPEN FLAME              | HIGH          | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0038   | FLAMMABILITY OF NONMETALLIC HEAT SHRINKABLE TUBINGS - SMALL BURNER TEST 60? -                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0053   | DETERMINATION OF FLAMMABILITY AND FLAME PROPAGATION OF THERMAL/ACOUSTIC INSULATION MATERIALS - RADIANT PANEL TEST | HIGH          | QUALIFIED            |                 |                           |                                       |
| 135837              | AIRBUS OPERATIONS GMBH | AIRBUS-ALLEE 1       | 28199                  | BREMEN             | DE                    | AITM2-0056   | DETERMINATION OF BURN THROUGH RESISTANCE CHARACTERISTICS OF THERMAL/ACOUSTIC INSULATION MATERIALS                 | HIGH          | QUALIFIED            |                 |                           |                                       |

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| 135837              | AIRBUS OPERATIONS GMBH              | AIRBUS-ALLEE 1                    | 28199                  | BREMEN             | DE                    | AITM3-0005   | DETERMINATION OF SPECIFIC GAS COMPONENTS OF SMOKE GENERATED BY AIRCRAFT INTERIOR MATERIALS                                                                                                                    | HIGH          | QUALIFIED                  |                 |                                                                                         |                                       |
| 152489              | DLR - DEUTSCHES ZENTRUM FUER LUFT & | LILIENTHALPLATZ 7                 | 38108                  | BRAUNSCHWEIG       | DE                    | AITM1-0008   | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD                                                                                                                  | HIGH          | QUALIFIED WITH LIMITATIONS |                 | Limited to Type A1 & A2                                                                 |                                       |
| 152489              | DLR - DEUTSCHES ZENTRUM FUER LUFT & | LILIENTHALPLATZ 7                 | 38108                  | BRAUNSCHWEIG       | DE                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR                                                                                                      | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ***Limited to type A test piece***                                                      |                                       |
| 152489              | DLR - DEUTSCHES ZENTRUM FUER LUFT & | LILIENTHALPLATZ 7                 | 38108                  | BRAUNSCHWEIG       | DE                    | AITM1-0009   | FIBRE REINFORCED PLASTICS DETERMINATION OF BEARING STRENGTH BY EITHER PIN OR BOLT BEARING CONFIGURATION                                                                                                       | HIGH          | QUALIFIED WITH LIMITATIONS |                 | METHOD 2                                                                                |                                       |
| 152489              | DLR - DEUTSCHES ZENTRUM FUER LUFT & | LILIENTHALPLATZ 7                 | 38108                  | BRAUNSCHWEIG       | DE                    | AITM1-0010   | FIBRE REINFORCED PLASTICS DETERMINATION OF COMPRESSION STRENGTH AFTER IMPACT                                                                                                                                  | HIGH          | QUALIFIED                  |                 |                                                                                         |                                       |
| 152489              | DLR - DEUTSCHES ZENTRUM FUER LUFT & | LILIENTHALPLATZ 7                 | 38108                  | BRAUNSCHWEIG       | DE                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION                                                                     | LOW           | QUALIFIED                  |                 |                                                                                         |                                       |
| 299011              | KATRI                               | 101, B-DONG, VISION TECHNO VALLEY | 46257                  | BUSAN              | KR                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                                                                                                                            | HIGH          | QUALIFIED                  |                 |                                                                                         |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD           | SOUTH STREET                      | BD21 1EG               | KEIGHLEY           | GB                    | ISO3651-2    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 2: FERRITIC-AUSTENITIC AND FERRITIC-AUSTENITIC (DUPLEX) STAINLESS STEELS - CORROSION TEST IN MEDIA CONTAINING SULFURIC ACID | LOW           | QUALIFIED                  |                 |                                                                                         |                                       |
| 300081              | AEROTECH LABORATORIES LTD           | UNIT 20 MERCIA BUSINESS VILLAGE   | CV4 8HX                | COVENTRY           | GB                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                                                                                  | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO QVA-Z10-59-01 (RESTRICTED TO LEGACY PROGRAMS)                         | 05/10/2022                            |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH         | WERFTSTR. 1                       | 26954                  | NORDENHAM          | DE                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                                                                                        | LOW           | QUALIFIED WITH LIMITATIONS |                 | INTERCHANGEABILITY PER ICY-CS-19772 NOTE- 2 WAYS WITH ASTM B557, ASTM E8 AND ISO 6892-1 |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO        | MONTANANA PARCELAS R 60 R 61      | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0029   | DETERMINATION OF IRON (III) AS REACTIVE COMPOUND IN ACIDIC SURFACE TREATMENT BATHS                                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                                         |                                       |

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| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0030   | TITRATION OF SULPHURIC AND TARTARIC ACID IN ANODIZING ELECTROLYTES                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS  | LOW           | QUALIFIED             |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0035   | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                         | LOW           | QUALIFIED             |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0036   | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                          | HIGH          | AUTHORISED TO PROCEED | 31/03/2023      |                           | 15/09/2022                            |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEH?RTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE | HIGH          | AUTHORISED TO PROCEED | 31/01/2023      |                           | 31/10/2022                            |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                    | HIGH          | AUTHORISED TO PROCEED | 31/01/2023      |                           | 31/10/2022                            |
| 260077              | KEIGHLEY LABORATORIES LTD    | SOUTH STREET                 | BD21 1EG               | KEIGHLEY           | GB                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD    | SOUTH STREET                 | BD21 1EG               | KEIGHLEY           | GB                    | ASTME34      | STANDARD TEST METHODS FOR CHEMICAL ANALYSIS OF ALUMINUM AND ALUMINUM-BASE ALLOYS            | LOW           | QUALIFIED             |                 |                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD    | SOUTH STREET                 | BD21 1EG               | KEIGHLEY           | GB                    | EN10276      | DETERMINATION FO OXYGENIN STEEL AND IRON.                                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD    | SOUTH STREET                 | BD21 1EG               | KEIGHLEY           | GB                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                             | LOW           | QUALIFIED             |                 |                           |                                       |

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| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                 | LOW           | QUALIFIED WITH LIMITATIONS |                 | 100KN AND 400KN EQUIPMENT ONLY<br>INTERCHANGEABILITY PER ICY-CS-19772 NOTE - 2 WAYS<br>WITH ASTM B567 AND ASTM E8 |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                             | LOW           | QUALIFIED                  |                 |                                                                                                                   |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | ASTMA262     | STANDARD PRACTICES FOR DETECTING SUSCEPTIBILITY TO INTERGRANULAR ATTACK IN AUSTENITIC STAINLESS STEELS | LOW           | QUALIFIED                  |                 |                                                                                                                   |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                               | LOW           | QUALIFIED                  |                 |                                                                                                                   |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                     | LOW           | QUALIFIED                  |                 |                                                                                                                   |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                            | LOW           | QUALIFIED WITH LIMITATIONS |                 | HV ONLY                                                                                                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                     | LOW           | QUALIFIED                  |                 |                                                                                                                   |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                   | LOW           | QUALIFIED                  |                 |                                                                                                                   |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                         | LOW           | QUALIFIED                  |                 |                                                                                                                   |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | AITM1-0058   | MOBILE HARDNESS TESTING                                                                                | LOW           | QUALIFIED                  |                 |                                                                                                                   |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET         | BD21 1EG               | KEIGHLEY           | GB                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                             | LOW           | QUALIFIED                  |                 |                                                                                                                   |                                       |

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| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET                  | BD21 1EG               | KEIGHLEY           | GB                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                                                                                          | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET                  | BD21 1EG               | KEIGHLEY           | GB                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                                                                                                                         | LOW           | QUALIFIED WITH LIMITATIONS |                 | HRB AND HRC                               |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET                  | BD21 1EG               | KEIGHLEY           | GB                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                                                                                                                          | LOW           | AUTHORISED TO PROCEED      | 30/12/2022      |                                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET                  | BD21 1EG               | KEIGHLEY           | GB                    | ASTMG85      | STANDARD PRACTICE FOR MODIFIED SALT SPRAY (FOG) TESTING EXPERTISE: EDSWB / MAIN USER: EDSWO                                                                                                                                         | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET                  | BD21 1EG               | KEIGHLEY           | GB                    | ISO3651-1    | DETERMINATION OF RESISTANCE TO INTERGRANULAR CORROSION OF STAINLESS STEELS - PART 1: AUSTENITIC AND FERRITIC-AUSTENITIC (DUPLEX) STAINLESS STEELS - CORROSION TEST IN NITRIC ACID MEDIUM BY MEASUREMENT OF LOSS IN MASS (HUEY TEST) | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET                  | BD21 1EG               | KEIGHLEY           | GB                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                                                                                                        | LOW           | QUALIFIED                  |                 |                                           | 16/09/2022                            |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET                  | BD21 1EG               | KEIGHLEY           | GB                    | ISO1463      | MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE                                                                                                                                                                            | LOW           | QUALIFIED WITH LIMITATIONS |                 | NICKEL PLATING THICKNESS MEASUREMENT ONLY | 21/11/2022                            |
| 260077              | KEIGHLEY LABORATORIES LTD | SOUTH STREET                  | BD21 1EG               | KEIGHLEY           | GB                    | ISO3887      | STEELS NON-ALLOY AND LOW-ALLOY - DETERMINATION OF DEPTH OF DECARBURIZATION                                                                                                                                                          | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 300083              | FUNDACION CARTIF          | PARQUE TECNOL DE BOECILLO 205 | 47151                  | BOECILLO           | ES                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                                                                                                                              | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO I+D-E 031               |                                       |
| 300083              | FUNDACION CARTIF          | PARQUE TECNOL DE BOECILLO 205 | 47151                  | BOECILLO           | ES                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA                                                                                                                      | LOW           | QUALIFIED                  |                 |                                           |                                       |
| 300083              | FUNDACION CARTIF          | PARQUE TECNOL DE BOECILLO 205 | 47151                  | BOECILLO           | ES                    | EN2558       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                                                                                                                                              | LOW           | QUALIFIED                  |                 |                                           |                                       |

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| 300083              | FUNDACION CARTIF                | PARQUE TECNOL DE BOECILLO 205 | 47151                  | BOECILLO           | ES                    | EN2557       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA              | LOW           | QUALIFIED                  |                 |                             |                                       |
| 300083              | FUNDACION CARTIF                | PARQUE TECNOL DE BOECILLO 205 | 47151                  | BOECILLO           | ES                    | AITM3-0003   | ANALYSIS OF ORGANIC COMPOUNDS BY INFRARED SPECTROSCOPY                                            | LOW           | QUALIFIED                  |                 |                             |                                       |
| 298999              | SYSTEMES PRODUITS ANALYSES      | 59 RUE DU MARECHAL LECLERC    | 28110                  | LUCE               | FR                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                         | LOW           | QUALIFIED                  |                 |                             |                                       |
| 298999              | SYSTEMES PRODUITS ANALYSES      | 59 RUE DU MARECHAL LECLERC    | 28110                  | LUCE               | FR                    | AITM3-0035   | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                               | LOW           | QUALIFIED                  |                 |                             |                                       |
| 298999              | SYSTEMES PRODUITS ANALYSES      | 59 RUE DU MARECHAL LECLERC    | 28110                  | LUCE               | FR                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                       | LOW           | QUALIFIED WITH LIMITATIONS |                 | VICKERS MICRO-HARDNESS ONLY |                                       |
| 298999              | SYSTEMES PRODUITS ANALYSES      | 59 RUE DU MARECHAL LECLERC    | 28110                  | LUCE               | FR                    | ISO4516      | METALLIC AND OTHER INORGANIC COATINGS - VICKERS AND KNOOP MICROHARDNESS TESTS                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | VICKERS MICRO-HARDNESS ONLY |                                       |
| 298999              | SYSTEMES PRODUITS ANALYSES      | 59 RUE DU MARECHAL LECLERC    | 28110                  | LUCE               | FR                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                      | LOW           | QUALIFIED                  |                 |                             |                                       |
| 298999              | SYSTEMES PRODUITS ANALYSES      | 59 RUE DU MARECHAL LECLERC    | 28110                  | LUCE               | FR                    | ASTMD4060    | STANDARD TEST METHOD FOR ABRASION RESISTANCE OF ORGANIC COATINGS BY THE TABER ABRASER             | LOW           | QUALIFIED                  |                 |                             |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH      | JULIUS-LEBERWEG 24            | 21684                  | STADE              | DE                    | AITM4-0005   | MACROSCOPIC AND MICROSCOPIC EXAMINATION OF FIBER REINFORCED PLASTICS                              | LOW           | QUALIFIED                  |                 |                             |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN             | DE                    | AITM1-0001   | FIBER REINFORCED PLASTICS DETERMINATION OF MECHANICAL DEGRADATION DUE TO CHEMICAL PAINT STRIPPERS | LOW           | QUALIFIED                  |                 |                             |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN             | DE                    | AITM1-0002   | FIBRE REINFORCED PLASTICSDETERMINATION OF IN-PLANE-SHEAR PROPERTIES                               | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                             |                                       |

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| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE     | ZUR AUMUNDSWIESE 2                  | 28279                  | BREMEN                 | DE                    | AITM1-0029   | DETERMINATION OF TENSILE STRENGTH OF TAPERED OR STEPPED JOINTS                                                  | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE     | ZUR AUMUNDSWIESE 2                  | 28279                  | BREMEN                 | DE                    | ISO14130     | FIBRE REINFORCED PLASTIC COMPOSITES: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH BY SHORT BEAM METHOD | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE     | ZUR AUMUNDSWIESE 2                  | 28279                  | BREMEN                 | DE                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                          | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE     | ZUR AUMUNDSWIESE 2                  | 28279                  | BREMEN                 | DE                    | NASM1312-4   | FASTENER TEST METHODS LAP JOINT SHEAR TEST COMPOSITE                                                            | LOW           | QUALIFIED WITH LIMITATIONS |                 | / SPECIMEN MACHINING NOT INCLUDED | 07/09/2022                            |
| 160505              | IFAM-FRAUNHOFER INSTITUT            | WIENER STR. 12                      | 28359                  | BREMEN                 | DE                    | AITM4-0004   | CHARACTERIZATION OF OXIDE-LAYERS VIA SCANNING ELECTRON MICROSCOPY                                               | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH          | JULIUS-LEBERWEG 24                  | 21684                  | STADE                  | DE                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C          | HIGH          | QUALIFIED WITH LIMITATIONS |                 | VALID FOR THE ISSUE 4 OF THE NORM |                                       |
| 300086              | FUNDACION TECNALIA RESEARCH & INNOV | PARQUE TECNOLOGICO DE SAN SEBASTIAN | 20009                  | DONOSTIA-SAN SEBASTIAN | ES                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                       | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 300086              | FUNDACION TECNALIA RESEARCH & INNOV | PARQUE TECNOLOGICO DE SAN SEBASTIAN | 20009                  | DONOSTIA-SAN SEBASTIAN | ES                    | AITM3-0035   | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                                             | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 300086              | FUNDACION TECNALIA RESEARCH & INNOV | PARQUE TECNOLOGICO DE SAN SEBASTIAN | 20009                  | DONOSTIA-SAN SEBASTIAN | ES                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                      | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 300086              | FUNDACION TECNALIA RESEARCH & INNOV | PARQUE TECNOLOGICO DE SAN SEBASTIAN | 20009                  | DONOSTIA-SAN SEBASTIAN | ES                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                              | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 300086              | FUNDACION TECNALIA RESEARCH & INNOV | PARQUE TECNOLOGICO DE SAN SEBASTIAN | 20009                  | DONOSTIA-SAN SEBASTIAN | ES                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                              | LOW           | QUALIFIED                  |                 |                                   |                                       |

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| 300086              | FUNDACION TECNALIA RESEARCH & INNOV | PARQUE TECNOLOGICO DE SAN SEBASTIAN | 20009                  | DONOSTIA-SAN SEBASTIAN           | ES                    | QVA-Z10-53-00 | METALLOGRAPHIC TEST<br>MACROSCOPIC EXAMINATION<br>GENERAL INFORMATION          | LOW           | QUALIFIED            |                 |                           |                                       |
| 300086              | FUNDACION TECNALIA RESEARCH & INNOV | PARQUE TECNOLOGICO DE SAN SEBASTIAN | 20009                  | DONOSTIA-SAN SEBASTIAN           | ES                    | ISO9227       | CORROSION TESTS IN ARTIFICIAL<br>ATMOSPHERES - SALT SPRAY TESTS                | LOW           | QUALIFIED            |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE     | ZUR AUMUNDSWIESE 2                  | 28279                  | BREMEN                           | DE                    | AITM4-0005    | MACROSCOPIC AND MICROSCOPIC<br>EXAMINATION OF FIBER<br>REINFORCED PLASTICS     | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS         | CR DE SANLUCAR KM. 7                | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO4624       | PAINTS AND VARNISHES - PULL-OFF<br>TEST FOR ADHESION                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY        | CL WILBURG Y ORVILLE WRIGHT 1       | 41309                  | LA RINCONADA                     | ES                    | ASTME8        | STANDARD TEST METHODS FOR<br>TENSION TESTING OF METALLIC<br>MATERIALS          | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL         | CL WILBUR Y ORVILLE WRIGHT 15       | 41300                  | LA RINCONADA                     | ES                    | AITM3-0030    | TITRATION OF SULPHURIC AND<br>TARTARIC ACID IN ANODIZING<br>ELECTROLYTES       | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL         | CL WILBUR Y ORVILLE WRIGHT 15       | 41300                  | LA RINCONADA                     | ES                    | AITM3-0035    | DETERMINATION OF CHLORIDE<br>CONTAMINATIONS IN SURFACE<br>TREATMENT BATHS      | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL         | CL WILBUR Y ORVILLE WRIGHT 15       | 41300                  | LA RINCONADA                     | ES                    | AITM7-0009    | DETECTION OF FUNGAL<br>CONTAMINATION IN TSA<br>ANODISATION BATHS VITALITY TEST | LOW           | QUALIFIED            |                 |                           |                                       |
| 161203              | GACHES CHIMIE SPECIALITES           | 8 RUE LABOUCHE                      | 31084                  | TOULOUSE CEDEX                   | FR                    | AITM3-0030    | TITRATION OF SULPHURIC AND<br>TARTARIC ACID IN ANODIZING<br>ELECTROLYTES       | LOW           | QUALIFIED            |                 |                           |                                       |
| 161203              | GACHES CHIMIE SPECIALITES           | 8 RUE LABOUCHE                      | 31084                  | TOULOUSE CEDEX                   | FR                    | AITM3-0035    | DETERMINATION OF CHLORIDE<br>CONTAMINATIONS IN SURFACE<br>TREATMENT BATHS      | LOW           | QUALIFIED            |                 |                           |                                       |
| 161203              | GACHES CHIMIE SPECIALITES           | 8 RUE LABOUCHE                      | 31084                  | TOULOUSE CEDEX                   | FR                    | AITM3-0038    | DETERMINATION OF NON-VOLATILE-<br>RESIDUE                                      | LOW           | QUALIFIED            |                 |                           |                                       |



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| 161203              | GACHES CHIMIE SPECIALITES  | 8 RUE LABOUCHE       | 31084                  | TOULOUSE CEDEX     | FR                    | ASTMD1293    | STANDARD TEST METHODS FOR PH OF WATER                                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 161203              | GACHES CHIMIE SPECIALITES  | 8 RUE LABOUCHE       | 31084                  | TOULOUSE CEDEX     | FR                    | ASTMD1125    | STANDARD TEST METHODS FOR ELECTRICAL CONDUCTIVITY AND RESISTIVITY OF WATER                     | LOW           | QUALIFIED                  |                 |                           |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24  | 21684                  | STADE              | DE                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0029   | DETERMINATION OF IRON (III) AS REACTIVE COMPOUND IN ACIDIC SURFACE TREATMENT BATHS             | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0030   | TITRATION OF SULPHURIC AND TARTARIC ACID IN ANODIZING ELECTROLYTES                             | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                      | LOW           | QUALIFIED WITH LIMITATIONS |                 | NCF V53D13013279 ACCEPTED |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS     | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0035   | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                            | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0036   | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                      | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0037   | DETERMINATION OF PHOSPHORIC AND SULPHURIC ACID IN ANODIZING ELECTROLYTES                       | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM1-0047   | GLARE MATERIAL. INTERLAMINAR SHEAR TEST                                                        | LOW           | AUTHORISED TO PROCEED      | 31/03/2022      |                           |                                       |

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| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | AITM1-0049    | GLARE MATERIAL. TENSILE TEST                                                     | LOW              | AUTHORISED TO<br>PROCEED      | 31/03/2022         |                                                                    |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | AITM4-0002    | MICROSTRUCTURAL<br>CHARACTERIZATION OF WELDED<br>ALUMINIUM STRUCTURES            | LOW              | QUALIFIED                     |                    |                                                                    |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | ASTME112      | STANDARD TEST METHODS FOR<br>DETERMINING AVERAGE GRAIN SIZE                      | LOW              | QUALIFIED                     |                    |                                                                    |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | QVA-Z10-53-00 | METALLOGRAPHIC TEST<br>MACROSCOPIC EXAMINATION<br>GENERAL INFORMATION            | LOW              | QUALIFIED                     |                    |                                                                    |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | ISO6506       | METALLIC MATERIALS - BRINELL<br>HARDNESS TEST                                    | LOW              | QUALIFIED                     |                    |                                                                    |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | ISO6507       | METALLIC MATERIALS - VICKERS<br>HARDNESS TEST                                    | LOW              | QUALIFIED                     |                    |                                                                    |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | ISO6508       | METALLIC MATERIALS - ROCKWELL<br>HARDNESS TEST                                   | LOW              | QUALIFIED WITH<br>LIMITATIONS |                    | HRC ONLY                                                           |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | ASTMC363      | STANDARD TEST METHOD FOR<br>NODE TENSILE STRENGTH OF<br>HONEYCOMB CORE MATERIALS | LOW              | AUTHORISED TO<br>PROCEED      | 31/03/2022         | honeycomb / pending decision regarding NADCAP NMMT                 |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | EN2243-1      | STRUCTURAL ADHESIVES SINGLE<br>LAP SHEAR                                         | LOW              | AUTHORISED TO<br>PROCEED      | 31/03/2022         |                                                                    |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | EN2243-2      | STRUCTURAL ADHESIVES PEEL<br>METAL-METAL FLOATING ROLLER                         | LOW              | AUTHORISED TO<br>PROCEED      | 31/03/2022         |                                                                    |                                                |
| 305214                 | GMA-<br>WERKSTOFFPRU<br>EFFUNG GMBH | WERFTSTR. 1             | 26954                     | NORDENHAM             | DE                       | EN2243-3      | STRUCTURAL ADHESIVES PEELING<br>TEST METAL HONEYCOMB-CORE<br>DRUM PEEL TEST      | LOW              | AUTHORISED TO<br>PROCEED      | 31/03/2022         | Also according to QVA-Z10-46-05 (Restricted to Legacy<br>programs) |                                                |

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| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM1-0030    | SEALANTS: DETERMINATION OF LAP SHEAR STRENGTH                                                  | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | ISO1518       | PAINTS AND VARNISHES; SCRATCH TEST                                                             | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | ISO2409       | PAINTS AND VARNISHES - CROSS-CUT TEST                                                          | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | ISO2812-2     | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | NASM1312-13   | FASTENER TEST METHODS DOUBLE SHEAR TEST                                                        | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO THE QVA-Z10-37-04: DOUBLE-SHEAR TEST ON FASTENERS MADE FROM METALLIC MATERIALS / FASTENER (AL, TI) |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | NASM1312-20   | FASTENER TEST METHODS SINGLE SHEAR                                                             | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | NASM1312-8    | FASTENER TEST METHODS TENSILE STRENGTH                                                         | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | QVA-Z09-25-00 | DETERMINATION OF REMOVAL RATE OF ALKALINE PICKLING BATHS                                       | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | QVA-Z09-20-00 | DETERMINATION OF WATER HARDNESS                                                                | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | QVA-Z09-22-00 | DETERMINATION OF DRY RESIDUE                                                                   | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | QVA-Z10-61-00 | DETERMINATION OF PARTICLE SIZES                                                                | LOW           | QUALIFIED                  |                 |                                                                                                                      |                                       |

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| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH  | WERFTSTR. 1                    | 26954                  | NORDENHAM          | DE                    | QVA-Z09-07-36 | DETERMINATION OF HYDROXIDE IN ALKALINE CLEANING BATHS                                                           | LOW           | QUALIFIED             |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH  | WERFTSTR. 1                    | 26954                  | NORDENHAM          | DE                    | QVA-Z09-07-27 | DETERMINATION OF CHROMIUM (VI) IN SURFACE TREATMENT BATHS                                                       | LOW           | QUALIFIED             |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH  | WERFTSTR. 1                    | 26954                  | NORDENHAM          | DE                    | QVA-Z09-07-31 | DETERMINATION OF SULPHATE IN SURFACE TREATMENT BATHS                                                            | LOW           | QUALIFIED             |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH  | WERFTSTR. 1                    | 26954                  | NORDENHAM          | DE                    | QVA-Z09-23-00 | DETERMINATION OF THE SPECIFIC CONDUCTIVITY IN AQUEOUS MEDIA                                                     | LOW           | QUALIFIED             |                 |                           |                                       |
| 300085              | ERGO UMWELTINSTITUT GMBH     | LAUENSTEINER STR. 42           | 01277                  | DRESDEN            | DE                    | AITM3-0032    | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                       | LOW           | QUALIFIED             |                 |                           | 14/03/2022                            |
| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)      | 45200                  | ILLESCAS           | ES                    | AITM1-0007    | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD                         | LOW           | QUALIFIED             |                 |                           | 03/10/2022                            |
| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)      | 45200                  | ILLESCAS           | ES                    | AITM1-0003    | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                              | HIGH          | QUALIFIED             |                 |                           |                                       |
| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)      | 45200                  | ILLESCAS           | ES                    | AITM1-0005    | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I                        | HIGH          | QUALIFIED             |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM2-0007    | DETERMINATION OF THE SPECIFIC OPTICAL SMOKE DENSITY OF COMPONENT PARTS OR SUB-ASSEMBLIES OF AIRCRAFT ASSEMBLIES | HIGH          | AUTHORISED TO PROCEED | 30/11/2022      |                           | 22/08/2022                            |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM3-0005    | DETERMINATION OF SPECIFIC GAS COMPONENTS OF SMOKE GENERATED BY AIRCRAFT INTERIOR MATERIALS                      | HIGH          | AUTHORISED TO PROCEED | 30/11/2022      |                           | 22/08/2022                            |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE     | 91010                  | DUARTE             | US                    | AITM2-0003    | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                         | LOW           | QUALIFIED             |                 |                           |                                       |

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| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE             | US                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45? BUNSEN BURNER TEST                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE             | US                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60? BUNSEN BURNER TEST                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE             | US                    | AITM2-0038   | FLAMMABILITY OF NONMETALLIC HEAT SHRINKABLE TUBINGS - SMALL BURNER TEST 60? -                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE             | US                    | AITM2-0006   | DETERMINATION OF HEAT RELEASE AND HEAT RELEASE RATE OF AIRCRAFT MATERIALS                                                       | HIGH          | QUALIFIED            |                 |                           |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE             | US                    | AITM2-0008   | DETERMINATION OF THE OPTICAL SMOKE DENSITY OF ELECTRICAL AND NON-ELECTRICAL CABLE                                               | HIGH          | QUALIFIED            |                 |                           |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24        | 21684                  | STADE              | DE                    | AITM1-0029   | DETERMINATION OF TENSILE STRENGTH OF TAPERED OR STEPPED JOINTS                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24        | 21684                  | STADE              | DE                    | ISO527-2     | PLASTICS; DETERMINATION OF TENSILE PROPERTIES; PART 2: TEST CONDITIONS FOR MOULDING AND EXTRUSION PLASTICS                      | LOW           | QUALIFIED            |                 |                           |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24        | 21684                  | STADE              | DE                    | ISO527-3     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 3: TEST CONDITIONS FOR FILMS AND SHEETS                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24        | 21684                  | STADE              | DE                    | ISO527-5     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 5: TEST CONDITIONS FOR UNIDIRECTIONAL FIBRE-REINFORCED PLASTIC COMPOSITES | LOW           | QUALIFIED            |                 |                           |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24        | 21684                  | STADE              | DE                    | ASTMC273     | STANDARD TEST METHOD FOR SHEAR PROPERTIES OF SANDWICH CORE MATERIALS                                                            | LOW           | QUALIFIED            |                 |                           |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBER-WEG 24        | 21684                  | STADE              | DE                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                                                      | LOW           | QUALIFIED            |                 |                           |                                       |

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| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24       | 21684                  | STADE              | DE                    | EN2243-2      | STRUCTURAL ADHESIVES PEEL METAL-METAL FLOATING ROLLER                                                                                            | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO QUALIFIED FOR QVA-Z10-46-03 (RESTRICTED TO LEGACY PROGRAMS) |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24       | 21684                  | STADE              | DE                    | EN2243-3      | STRUCTURAL ADHESIVES PEELING TEST METAL HONEYCOMB-CORE DRUM PEEL TEST                                                                            | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO QUALIFIED FOR QVA-Z10-46-05 (RESTRICTED TO LEGACY PROGRAMS) |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24       | 21684                  | STADE              | DE                    | AITM1-0005    | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I                                                         | HIGH          | QUALIFIED                  |                 |                                                                  |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24       | 21684                  | STADE              | DE                    | AITM1-0006    | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE II                                                        | HIGH          | QUALIFIED                  |                 |                                                                  |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24       | 21684                  | STADE              | DE                    | AITM1-0066    | FIBRE REINFORCED PLASTICS - DETERMINATION OF PULL-OUT/ PULL-THROUGH STRENGTH ON RIVETED JOINTS                                                   | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24       | 21684                  | STADE              | DE                    | AITM2-0061    | WATER PICK UP TEST-METHOD TO DETERMINE THE IMPREGNATION LEVEL OF PREPEG MATERIALS                                                                | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24       | 21684                  | STADE              | DE                    | ISO1183-1     | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYCNOMETER METHOD AND TITRATION METHOD | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24       | 21684                  | STADE              | DE                    | QVA-Z10-46-18 | BILDANALYTISCHES VERFAHREN ZUR BESTIMMUNG VON FASERHARZ- UND PORENANTEILEN AN FASERVERBUNDWERKSTOFFEN                                            | HIGH          | QUALIFIED                  |                 |                                                                  |                                       |
| 301462              | ETIM                       | ALLEE DU CHAFFAULT        | 44340                  | BOUGUENAI          | FR                    | AITM4-0005    | MACROSCOPIC AND MICROSCOPIC EXAMINATION OF FIBER REINFORCED PLASTICS                                                                             | LOW           | QUALIFIED                  |                 |                                                                  |                                       |
| 306790              | APPLUS ILLESCAS            | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | AITM1-0025    | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                                                                      | LOW           | QUALIFIED                  |                 |                                                                  | 14/06/2022                            |
| 306790              | APPLUS ILLESCAS            | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2243-4      | STRUCTURAL ADHESIVES METAL-HONEYCOMB- CORE FLATWISE TENSILE TEST                                                                                 | LOW           | QUALIFIED                  |                 |                                                                  | 14/06/2022                            |

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| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                        | 03/10/2022                            |
| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2597       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PERPENDICULAR TO THE FIBRE DIRECTION                       | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                        |                                       |
| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2747       | GLASS FIBRE REINFORCED PLASTICS TENSILE TEST                                                             | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                        |                                       |
| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | AITM1-0008   | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD             | HIGH          | QUALIFIED WITH LIMITATIONS |                 | - LIMITED TO TYPE: A1, A2, B, C & D / - RESTRICTED TO DETERMINATION OF PLAIN MODULUS USING HYDRAULIC GRIPS ONLY. / - DETERMINATION OF PLAIN COMPRESSION STRENGTH USING HYDRAULIC GRIPS IS NOT ALLOWED. |                                       |
| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ***LIMITED TO TYPE B TEST PIECE***                                                                                                                                                                     |                                       |
| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                          | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                        |                                       |
| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                                                    | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                        |                                       |
| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                               | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                        |                                       |
| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO I+D-E 031                                                                                                                                                                            |                                       |
| 306790              | APPLUS ILLESCAS    | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C   | HIGH          | QUALIFIED                  |                 |                                                                                                                                                                                                        |                                       |
| 284559              | SKANDIA INC        | 5000 N.HWY 251            | 61020                  | DAVIS JUNCTION     | US                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST            | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                                                                                                                                                                                        | 27/06/2022                            |

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| 284559              | SKANDIA INC                  | 5000 N.HWY 251                  | 61020                  | DAVIS JUNCTION     | US                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 284559              | SKANDIA INC                  | 5000 N.HWY 251                  | 61020                  | DAVIS JUNCTION     | US                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45? BUNSEN BURNER TEST                                                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 284559              | SKANDIA INC                  | 5000 N.HWY 251                  | 61020                  | DAVIS JUNCTION     | US                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60? BUNSEN BURNER TEST                                                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 284559              | SKANDIA INC                  | 5000 N.HWY 251                  | 61020                  | DAVIS JUNCTION     | US                    | AITM2-0038   | FLAMMABILITY OF NONMETALLIC HEAT SHRINKABLE TUBINGS - SMALL BURNER TEST 60? -                                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 284559              | SKANDIA INC                  | 5000 N.HWY 251                  | 61020                  | DAVIS JUNCTION     | US                    | AITM2-0053   | DETERMINATION OF FLAMMABILITY AND FLAME PROPAGATION OF THERMAL/ACOUSTIC INSULATION MATERIALS - RADIANT PANEL TEST                                              | HIGH          | QUALIFIED            |                 |                           |                                       |
| 284559              | SKANDIA INC                  | 5000 N.HWY 251                  | 61020                  | DAVIS JUNCTION     | US                    | AITM2-0009   | FIRE RESISTANCE OF AIRCRAFT SEAT CUSHION UTILIZING A HIGH INTENSITY OPEN FLAME                                                                                 | HIGH          | QUALIFIED            |                 |                           | 01/08/2022                            |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61    | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0038   | DETERMINATION OF NON-VOLATILE-RESIDUE                                                                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 300081              | AEROTECH LABORATORIES LTD    | UNIT 20 MERCIA BUSINESS VILLAGE | CV4 8HX                | COVENTRY           | GB                    | AITM3-0030   | TITRATION OF SULPHURIC AND TARTARIC ACID IN ANODIZING ELECTROLYTES                                                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET        | 92649                  | HUNTINGTON         | US                    | ASTME1019    | STANDARD TEST METHOD FOR DETERMINATION OF CARBON SULFUR NITROGEN AND OXYGEN IN STEEL IRON NICKEL AND COBALT ALLOYS BY VARIOUS COMBUSTION AND FUSION TECHNIQUES | LOW           | QUALIFIED            |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET        | 92649                  | HUNTINGTON         | US                    | ASTME415     | STANDARD TEST METHOD FOR ANALYSIS OF CARBON AND LOW-ALLOY STEEL BY SPARK ATOMIC EMISSION SPECTROMETRY                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET        | 92649                  | HUNTINGTON         | US                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                                                                         | LOW           | QUALIFIED            |                 |                           |                                       |



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| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                           | LOW           | QUALIFIED WITH LIMITATIONS |                 | *Nitrogen detection not included |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED WITH LIMITATIONS |                 | *Nitrogen detection not included |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME2371    | STANDARD TEST METHOD FOR ANALYSIS OF TITANIUM AND TITANIUM ALLOYS BY ATOMIC EMISSION PLASMA SPECTROMETRY                                                  | LOW           | QUALIFIED                  |                 |                                  |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME34      | STANDARD TEST METHODS FOR CHEMICAL ANALYSIS OF ALUMINUM AND ALUMINUM-BASE ALLOYS                                                                          | LOW           | QUALIFIED                  |                 |                                  |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME572     | STANDARD TEST METHOD FOR ANALYSIS OF STAINLESS AND ALLOY STEELS BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY                                  | LOW           | QUALIFIED                  |                 |                                  |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | EN10276      | DETERMINATION FO OXYGENIN STEEL AND IRON.                                                                                                                 | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                  | 14/09/2022                            |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | EN2003-10    | AEROSPACE SERIES - TITANIUM AND TITANIUM ALLOYS - TEST METHODS - PART 010: SAMPLING FOR DETERMINATION OF HYDROGEN CONTENT                                 | LOW           | QUALIFIED                  |                 |                                  |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTMB769     | STANDARD TEST METHOD FOR SHEAR TESTING OF ALUMINUM ALLOYS                                                                                                 | LOW           | QUALIFIED                  |                 |                                  |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS                                                   | LOW           | QUALIFIED                  |                 |                                  |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                           | LOW           | QUALIFIED                  |                 |                                  |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                                    | LOW           | QUALIFIED                  |                 |                                  |                                       |

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| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                        | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                                                 |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                 | LOW           | QUALIFIED WITH LIMITATIONS |                 | INTERCHANGEABILITY PER 19772-ICY-CS - TWO WAYS INTERCHANGEABLE WITH ASTM B557                                                                                                                                                   | 01/09/2022                            |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                                                 |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                                       | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                                                 |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | EN2832       | HYDROGEN EMBRITTLEMENT OF STEELS; NOTCHED SPECIMEN TEST                                                | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                                                 |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | EN6018       | DETERMINATION OF DENSITY ACCORDING TO DISPLACEMENT METHODE                                             | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                                                 |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                             | LOW           | QUALIFIED WITH LIMITATIONS |                 | - Element Materials (15062, Bolsa Chica site): Limited to Longitudinal polishing. / - Element Materials (15678, Graham street site): Limited to Metallic specimen machining made for Element Materials (15062 Bolsa chica site) |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | AITM4-0002   | MICROSTRUCTURAL CHARACTERIZATION OF WELDED ALUMINIUM STRUCTURES                                        | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                                                 |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTMA262     | STANDARD PRACTICES FOR DETECTING SUSCEPTIBILITY TO INTERGRANULAR ATTACK IN AUSTENITIC STAINLESS STEELS | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                                                 |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTMA604     | STANDARD PRACTICE FOR MACROETCH TESTING OF CONSUMABLE ELECTRODE REMELTED STEEL BARS AND BILLETS        | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                                                 |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                               | LOW           | QUALIFIED                  |                 |                                                                                                                                                                                                                                 |                                       |

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| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                    | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 14/09/2022                            |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                           | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                     | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                    | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                     | LOW           | QUALIFIED             |                 |                           | 09/11/2022                            |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | ASTMG85      | STANDARD PRACTICE FOR MODIFIED SALT SPRAY (FOG) TESTING<br>EXPERTISE: EDSWB / MAIN USER: EDSWO | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-1   | FASTENER TEST METHODS SALT SPRAY                                                               | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-3   | FASTENER TEST METHODS HUMIDITY                                                                 | LOW           | QUALIFIED             |                 |                           |                                       |

External Report Independent

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| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-5   | FASTENER TEST METHODS STRESS DURABILITY                                 | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-6   | FASTENER TEST METHODS HARDNESS                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-8   | FASTENER TEST METHODS TENSILE STRENGTH                                  | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 17/10/2022                            |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-9   | FASTENER TEST METHODS STRESS CORROSION                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-10  | FASTENER TEST METHODS STRESS RUPTURE                                    | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-12  | FASTENER TEST METHODS THICKNESS OF METALLIC COATINGS                    | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-13  | FASTENER TEST METHODS DOUBLE SHEAR TEST                                 | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 09/11/2022                            |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-14  | FASTENER TEST METHODS STRESS DURABILITY (INTERNALLY THREADED FASTENERS) | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-18  | FASTENER TEST METHODS ELEVATED TEMPERATURE TENSILE STRENGTH             | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-20  | FASTENER TEST METHODS SINGLE SHEAR                                      | LOW           | QUALIFIED             |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET | 92649                  | HUNTIGTON          | US                    | NASM1312-25  | FASTENER TEST METHODS DRIVING RECESS TORQUE QUALITY CONFORMANCE TEST    | LOW           | QUALIFIED             |                 |                           |                                       |

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| 309680              | ELEMENT MATERIALS TECHNOLOGY   | 15062 BOLSA CHICA STREET | 92649                  | HUNTINGTON         | US                    | NASM1312-31  | FASTENER TEST METHODS TORQUE                                                                                                                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | AITM3-0007   | DROP (REACTION ) TEST ON ALUMINIUM AND ALUMINIUM ALLOYS                                                                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED            |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME1941    | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS                                                         | LOW           | QUALIFIED            |                 |                           | 20/09/2022                            |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME34      | STANDARD TEST METHODS FOR CHEMICAL ANALYSIS OF ALUMINUM AND ALUMINUM-BASE ALLOYS                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMB769     | STANDARD TEST METHOD FOR SHEAR TESTING OF ALUMINUM ALLOYS                                                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                           | LOW           | QUALIFIED            |                 |                           | 16/09/2022                            |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET        | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |

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| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMF519     | STANDARD TEST METHOD FOR MECHANICAL HYDROGEN EMBRITTLMENT EVALUATION OF PLATING/COATING PROCESSES AND SERVICE ENVIRONMENTS | LOW           | QUALIFIED                  |                 |                                                                             |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                            | LOW           | QUALIFIED                  |                 |                                                                             |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | INTERCHANGEABILITY PER ICY-CS-19772 NOTE- 2 WAYS WITH EN 2002-1 / ASTM B557 | 26/09/2022                            |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                                                           | LOW           | QUALIFIED                  |                 |                                                                             |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | EN2832       | HYDROGEN EMBRITTLMENT OF STEELS; NOTCHED SPECIMEN TEST                                                                     | LOW           | QUALIFIED                  |                 |                                                                             |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                 | LOW           | QUALIFIED                  |                 |                                                                             |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMA262     | STANDARD PRACTICES FOR DETECTING SUSCEPTIBILITY TO INTERGRANULAR ATTACK IN AUSTENITIC STAINLESS STEELS                     | LOW           | QUALIFIED                  |                 |                                                                             |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMA604     | STANDARD PRACTICE FOR MACROETCH TESTING OF CONSUMABLE ELECTRODE REMELTED STEEL BARS AND BILLETS                            | LOW           | QUALIFIED                  |                 |                                                                             |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                   | LOW           | QUALIFIED                  |                 |                                                                             |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                         | LOW           | QUALIFIED                  |                 |                                                                             |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA   | US                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                         | LOW           | QUALIFIED                  |                 |                                                                             |                                       |

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| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET         | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMB117      | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                                                                    | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET         | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMG110      | STANDARD PRACTICE FOR EVALUATING INTERGRANULAR CORROSION RESISTANCE OF HEAT TREATABLE ALUMINUM ALLOYS BY IMERSION IN SODIUM CHLORIDE + HYDROGEN PEROXIDE SOLUTION             | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET         | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMG112      | STANDARD GUIDE FOR CONDUCTING EXFOLIATION CORROSION TESTS IN ALUMINUM ALLOYS                                                                                                  | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET         | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMG34       | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS                                                                 | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET         | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMG66       | STANDARD PRACTICE FOR VISUAL ASSESSMENT OF EXFOLIATION CORROSION SUSCEPTIBILITY OF 5XXX SERIES ALUMINUM ALLOYS (ASSET TEST)                                                   | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET         | 91730                  | RANCHO CUCAMONGA   | US                    | ASTMG67       | STANDARD PRACTICE FOR DETERMINING SUCCEPTIBILITY TO INTERGRANULAR CORROSION RESISTANCE OF 5XXX SERIES ALUMINUM ALLOYS BY MASS LOSS AFTER EXPOSURE TO NITRIC ACID (NAMLT TEST) | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET         | 91730                  | RANCHO CUCAMONGA   | US                    | NAS1675-4.6.7 | FASTENER TEST METHODS VIBRATION ENDURANCE                                                                                                                                     | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH       | WERFTSTR. 1               | 26954                  | NORDENHAM          | DE                    | ASTME3        | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                                    | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO QVA-Z10-54-00 (RESTRICTED TO LEGACY PROGRAMS) |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH       | WERFTSTR. 1               | 26954                  | NORDENHAM          | DE                    | ASTME407      | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE    | 15696                  | YOUNGSTOWN         | US                    | ISO179-1      | PLASTICS ? DETERMINATION OF CHARPY IMPACT PROPERTIES ? PART 1: NON-INSTRUMENT IMPACT TEST                                                                                     | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 306790              | APPLUS ILLESCAS                   | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2330        | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE CONTENT OF VOLATILE MATTER                                                     | LOW           | QUALIFIED                  |                 |                                                                 |                                       |

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| 306790              | APPLUS ILLESCAS               | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2331       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN AND FIBRE CONTENT AND MASS OF FIBRE PER UNIT AREA | LOW           | QUALIFIED            |                 |                                                |                                       |
| 306790              | APPLUS ILLESCAS               | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2558       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                                                                 | LOW           | QUALIFIED            |                 |                                                |                                       |
| 306790              | APPLUS ILLESCAS               | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA                                         | LOW           | QUALIFIED            |                 |                                                |                                       |
| 306790              | APPLUS ILLESCAS               | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2560       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN FLOW                                                                       | LOW           | QUALIFIED            |                 |                                                |                                       |
| 306790              | APPLUS ILLESCAS               | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS                                                         | LOW           | QUALIFIED            |                 |                                                |                                       |
| 306790              | APPLUS ILLESCAS               | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEH?RTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE                                                            | HIGH          | QUALIFIED            |                 |                                                |                                       |
| 306790              | APPLUS ILLESCAS               | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                                                                               | HIGH          | QUALIFIED            |                 |                                                |                                       |
| 306790              | APPLUS ILLESCAS               | CL HISTORIA (NAVES 7 Y 8) | 45200                  | ILLESCAS           | ES                    | AITM3-0027   | DETERMINATION OF THE MELTING BEHAVIOUR AND THE EXTENT OF CRYSTALLINITY OF SEMI-CRYSTALLINE MATERIALS BY DIFFERENTIAL SCANNING CALORIMETRY (DSC)        | HIGH          | QUALIFIED            |                 |                                                | 03/06/2022                            |
| 305901              | BIAM - AVIC BEIJING INSTITUTE | HUANSHANCUN               | 100095                 | BEIJING            | CN                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                     | LOW           | QUALIFIED            |                 |                                                | 21/04/2022                            |
| 301462              | ETIM                          | ALLEE DU CHAFFAULT        | 44340                  | BOUGUENAI          | FR                    | AITM1-0007   | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD                                                                | LOW           | QUALIFIED            |                 | Also according to IGC 04-26-260, IGC 04-26-250 |                                       |
| 301462              | ETIM                          | ALLEE DU CHAFFAULT        | 44340                  | BOUGUENAI          | FR                    | ISO527-5     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 5: TEST CONDITIONS FOR UNIDIRECTIONAL FIBRE-REINFORCED PLASTIC COMPOSITES                        | LOW           | QUALIFIED            |                 |                                                |                                       |



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| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                              | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR | HIGH          | QUALIFIED WITH LIMITATIONS             |                 | ***LIMITED TO TYPE B TEST PIECE***                |                                       |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | AITM1-0002   | FIBRE REINFORCED PLASTICS DETERMINATION OF IN-PLANE-SHEAR PROPERTIES                                     | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                          | LOW           | AUTHORISED TO PROCEED                  | 31/03/2023      |                                                   |                                       |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                   | LOW           | QUALIFIED WITH LIMITATIONS             |                 | ALSO ACCORDING TO IGC 04-26-235                   | 06/10/2022                            |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | EN2377       | GLASS FIBRE REINFORCED PLASTICS; TEST METHOD; DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH      | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                                                    | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | ALSO ACCORDING TO IGC 04-26-346 AND IGC 04-26-350 | 04/04/2022                            |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                               | LOW           | QUALIFIED                              |                 | Also according to IGC 04-25-245 and IGC 04-26-246 |                                       |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | AITM1-0018   | SANDWICH FLEXURAL TEST 4-POINT BENDING                                                                   | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 301462              | ETIM               | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI          | FR                    | AITM1-0005   | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I                 | HIGH          | QUALIFIED                              |                 |                                                   |                                       |

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| 301462              | ETIM                         | ALLEE DU CHAFFAULT    | 44340                  | BOUGUENAI          | FR                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA                                            | LOW           | QUALIFIED                  |                 |                              |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT    | 44340                  | BOUGUENAI          | FR                    | EN2558       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                                                                    | LOW           | QUALIFIED                  |                 |                              |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT    | 44340                  | BOUGUENAI          | FR                    | EN2557       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA                                                                      | LOW           | QUALIFIED                  |                 |                              |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT    | 44340                  | BOUGUENAI          | FR                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEH?RTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE                                                               | HIGH          | AUTHORISED TO PROCEED      | 31/01/2022      | Limited to Q200-1600 machine |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT    | 44340                  | BOUGUENAI          | FR                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                                                                                  | HIGH          | QUALIFIED WITH LIMITATIONS |                 | LIMITED TO Q200-1600 MACHINE | 24/08/2022                            |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT    | 44340                  | BOUGUENAI          | FR                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS                                                            | LOW           | QUALIFIED                  |                 |                              |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT    | 44340                  | BOUGUENAI          | FR                    | ASTMC273     | STANDARD TEST METHOD FOR SHEAR PROPERTIES OF SANDWICH CORE MATERIALS                                                                                      | LOW           | QUALIFIED                  |                 |                              |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT    | 44340                  | BOUGUENAI          | FR                    | ASTMC365     | STANDARD TEST METHOD FOR FLATWISE COMPRESSIVE PROPERTIES OF SANDWICH CORES                                                                                | LOW           | QUALIFIED                  |                 |                              |                                       |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAFF ROAD | 44131                  | CLEVELAND          | US                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                                                                    | LOW           | QUALIFIED                  |                 |                              | 21/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAFF ROAD | 44131                  | CLEVELAND          | US                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                           | LOW           | QUALIFIED                  |                 |                              | 28/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAFF ROAD | 44131                  | CLEVELAND          | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED                  |                 |                              | 28/11/2022                            |

| Test Facility ARPID | Test Facility Name           | Test Facility Street  | Test Facility Zip-code | Test Facility City | Test Facility Country | TM Reference | TM Title                                                                                                                  | TM Complexity | Qualification status                   | ATP Expiry Date | Qualification Limitations                                                                                                                                                          | Last Qualification status update date |
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| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | ASTME2371    | STANDARD TEST METHOD FOR ANALYSIS OF TITANIUM AND TITANIUM ALLOYS BY ATOMIC EMISSION PLASMA SPECTROMETRY                  | LOW           | QUALIFIED                              |                 |                                                                                                                                                                                    | 28/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | ASTME34      | STANDARD TEST METHODS FOR CHEMICAL ANALYSIS OF ALUMINUM AND ALUMINUM-BASE ALLOYS                                          | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                                                                                                                                    | 13/09/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | EN10276      | DETERMINATION FO OXYGENIN STEEL AND IRON.                                                                                 | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | THE COMPOSITION OF SULFUR ELEMENT (S) CAN NOT BE DETERMINED UNDER 0.0002% BY COMBUSTION                                                                                            | 28/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | EN2003-10    | AEROSPACE SERIES - TITANIUM AND TITANIUM ALLOYS - TEST METHODS - PART 010: SAMPLING FOR DETERMINATION OF HYDROGEN CONTENT | LOW           | QUALIFIED                              |                 |                                                                                                                                                                                    | 21/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS                   | LOW           | QUALIFIED                              |                 |                                                                                                                                                                                    | 21/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                           | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | - FLAT COUPON TESTING NOT AUTHORISED / - YOUNG'S MODULUS NOT INCLUDED                                                                                                              | 09/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                           | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | ONLY AT ROOM TEMPERATURE                                                                                                                                                           | 09/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                    | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | LIMITATION 1:- FLAT COUPON TESTING NOT AUTHORISED / - YOUNG'S MODULUS NOT INCLUDED / - ALL ALLOYS<br>LIMITATION 2: "INTERCHANGEABILITY PER ICY-CS-19772 NOTE- 2 WAYS WITH ASTM557" | 09/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                                                          | LOW           | QUALIFIED                              |                 |                                                                                                                                                                                    | 21/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                | LOW           | QUALIFIED                              |                 |                                                                                                                                                                                    | 28/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD | 44131                  | CLEVELAND          | US                    | AITM4-0002   | MICROSTRUCTURAL CHARACTERIZATION OF WELDED ALUMINIUM STRUCTURES                                                           | LOW           | QUALIFIED                              |                 |                                                                                                                                                                                    | 28/11/2022                            |

| Test Facility<br>ARPID | Test Facility<br>Name              | Test Facility<br>Street        | Test Facility<br>Zip-code | Test Facility<br>City | Test Facility<br>Country | TM Reference | TM Title                                                                                                                                                                 | TM<br>Complexity | Qualification<br>status | ATP Expiry<br>Date | Qualification<br>Limitations | Last<br>Qualification<br>status update<br>date |
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| 298998                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 5405 EAST<br>SCHAAF ROAD       | 44131                     | CLEVELAND             | US                       | ASTMA262     | STANDARD PRACTICES FOR<br>DETECTING SUSCEPTIBILITY TO<br>INTERGRANULAR ATTACK IN<br>AUSTENITIC STAINLESS STEELS                                                          | LOW              | QUALIFIED               |                    |                              | 28/11/2022                                     |
| 298998                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 5405 EAST<br>SCHAAF ROAD       | 44131                     | CLEVELAND             | US                       | ASTMA604     | STANDARD PRACTICE FOR<br>MACROETCH TESTING OF<br>CONSUMABLE ELECTRODE<br>REMELTED STEEL BARS AND<br>BILLETS                                                              | LOW              | QUALIFIED               |                    |                              | 28/11/2022                                     |
| 298998                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 5405 EAST<br>SCHAAF ROAD       | 44131                     | CLEVELAND             | US                       | ASTME112     | STANDARD TEST METHODS FOR<br>DETERMINING AVERAGE GRAIN SIZE                                                                                                              | LOW              | QUALIFIED               |                    |                              | 28/11/2022                                     |
| 298998                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 5405 EAST<br>SCHAAF ROAD       | 44131                     | CLEVELAND             | US                       | ASTME340     | TEST METHODE FOR<br>MACROETCHING OF METALS AND<br>ALLOYS                                                                                                                 | LOW              | QUALIFIED               |                    |                              | 21/11/2022                                     |
| 298998                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 5405 EAST<br>SCHAAF ROAD       | 44131                     | CLEVELAND             | US                       | ASTME407     | TEST METHODE FOR MICROETCHING<br>OF METALS AND ALLOYS                                                                                                                    | LOW              | QUALIFIED               |                    |                              | 21/11/2022                                     |
| 298998                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 5405 EAST<br>SCHAAF ROAD       | 44131                     | CLEVELAND             | US                       | ASTME18      | STANDARD TEST METHODS FOR<br>ROCKWELL HARDNESS OF METALLIC<br>MATERIALS                                                                                                  | LOW              | QUALIFIED               |                    |                              | 21/11/2022                                     |
| 310769                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 1200A<br>WESTINGHOUSE<br>BLVD. | 28273                     | CHARLOTTE             | US                       | SAEAMS2315   | DETERMINATION OF DELTA FERRITE<br>CONTENT                                                                                                                                | LOW              | QUALIFIED               |                    |                              |                                                |
| 310769                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 1200A<br>WESTINGHOUSE<br>BLVD. | 28273                     | CHARLOTTE             | US                       | ASTME1447    | STANDARD TEST METHOD FOR<br>DETERMINATION OF HYDROGEN IN<br>TITANIUM AND TITANIUM ALLOYS BY<br>THE INERT GAS FUSION THERMAL<br>CONDUCTIVITY/INFRARED<br>DETECTION METHOD | LOW              | QUALIFIED               |                    |                              | 24/10/2022                                     |
| 310769                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 1200A<br>WESTINGHOUSE<br>BLVD. | 28273                     | CHARLOTTE             | US                       | ASTME139     | STANDARD TEST METHODS FOR<br>CONDUCTING CREEP CREEP-<br>RUPTURE AND STRESS-RUPTURE<br>TESTS OF METALLIC MATERIALS                                                        | LOW              | QUALIFIED               |                    |                              |                                                |
| 310769                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 1200A<br>WESTINGHOUSE<br>BLVD. | 28273                     | CHARLOTTE             | US                       | ISO148-1     | METALLIC MATERIAL - CHARPY<br>PENDULUM IMPACT TEST                                                                                                                       | LOW              | QUALIFIED               |                    |                              |                                                |
| 310769                 | ELEMENT<br>MATERIALS<br>TECHNOLOGY | 1200A<br>WESTINGHOUSE<br>BLVD. | 28273                     | CHARLOTTE             | US                       | EN2002-6     | METALLIC MATERIALS: BEND<br>TESTING                                                                                                                                      | LOW              | QUALIFIED               |                    |                              |                                                |

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| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                            | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | AITM4-0002   | MICROSTRUCTURAL CHARACTERIZATION OF WELDED ALUMINIUM STRUCTURES                                                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ASTMA604     | STANDARD PRACTICE FOR MACROETCH TESTING OF CONSUMABLE ELECTRODE REMELTED STEEL BARS AND BILLETS                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART 1 2 3 AND 4                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | EN3683       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOY WROUGHT PRODUCTS - DETERMINATION OF PRIMARY A CONTENT - POINT COUNT METHOD AND LINE INTERCEPT METHOD | LOW           | QUALIFIED            |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | EN3684       | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOYS WROUGHT PRODUCTS - DETERMINATION OF ? TRANSUS TEMPERATURE - METALLOGRAPHIC METHOD                   | LOW           | QUALIFIED            |                 |                           |                                       |

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| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ISO4516       | METALLIC AND OTHER INORGANIC COATINGS - VICKERS AND KNOOP MICROHARDNESS TESTS                                                                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | QVA-Z10-53-00 | METALLOGRAPHIC TEST MACROSCOPIC EXAMINATION GENERAL INFORMATION                                                                                                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ASTME10       | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                                                               | LOW           | QUALIFIED                  |                 |                           | 24/10/2022                            |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | ASTME18       | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                                                                                             | LOW           | QUALIFIED WITH LIMITATIONS |                 | HRC ONLY                  |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | NASM1312-6    | FASTENER TEST METHODS HARDNESS                                                                                                                                                | LOW           | QUALIFIED                  |                 |                           |                                       |
| 310769              | ELEMENT MATERIALS TECHNOLOGY | 1200A WESTINGHOUSE BLVD. | 28273                  | CHARLOTTE          | US                    | NASM1312-12   | FASTENER TEST METHODS THICKNESS OF METALLIC COATINGS                                                                                                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 300085              | ERGO UMWELTINSTITUT GMBH     | LAUENSTEINER STR. 42     | 01277                  | DRESDEN            | DE                    | ENISO10304-1  | WATER QUALITY ? DETERMINATION OF DISSOLVED ANIONS BY LIQUID CHROMATOGRAPHY OF IONS ? PART 1: DETERMINATION OF BROMIDE CHLORIDE FLUORIDE NITRATE NITRITE PHOSPHATE AND SULFATE | LOW           | QUALIFIED                  |                 |                           | 14/03/2022                            |
| 303102              | AMPP SERVICES LTD            | 2D MERLIN COURT          | CB6 3NX                | ELY                | GB                    | ASTME3        | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                                    | LOW           | QUALIFIED                  |                 |                           |                                       |
| 303102              | AMPP SERVICES LTD            | 2D MERLIN COURT          | CB6 3NX                | ELY                | GB                    | AITM4-0002    | MICROSTRUCTURAL CHARACTERIZATION OF WELDED ALUMINIUM STRUCTURES                                                                                                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 303102              | AMPP SERVICES LTD            | 2D MERLIN COURT          | CB6 3NX                | ELY                | GB                    | ASTMA262      | STANDARD PRACTICES FOR DETECTING SUSCEPTIBILITY TO INTERGRANULAR ATTACK IN AUSTENITIC STAINLESS STEELS                                                                        | LOW           | QUALIFIED                  |                 |                           |                                       |
| 303102              | AMPP SERVICES LTD            | 2D MERLIN COURT          | CB6 3NX                | ELY                | GB                    | ASTMA604      | STANDARD PRACTICE FOR MACROETCH TESTING OF CONSUMABLE ELECTRODE REMELTED STEEL BARS AND BILLETS                                                                               | LOW           | QUALIFIED                  |                 |                           |                                       |

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| 303102              | AMPP SERVICES LTD               | 2D MERLIN COURT              | CB6 3NX                | ELY                | GB                    | ASTME340      | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                  | LOW           | QUALIFIED                              |                 |                           |                                       |
| 303102              | AMPP SERVICES LTD               | 2D MERLIN COURT              | CB6 3NX                | ELY                | GB                    | ASTME407      | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                  | LOW           | QUALIFIED                              |                 |                           |                                       |
| 303102              | AMPP SERVICES LTD               | 2D MERLIN COURT              | CB6 3NX                | ELY                | GB                    | EN2003-9      | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                   | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | METHOD A ONLY             | 29/03/2022                            |
| 303102              | AMPP SERVICES LTD               | 2D MERLIN COURT              | CB6 3NX                | ELY                | GB                    | EN3114        | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART?1 2 3 AND 4                                      | LOW           | QUALIFIED                              |                 |                           |                                       |
| 303102              | AMPP SERVICES LTD               | 2D MERLIN COURT              | CB6 3NX                | ELY                | GB                    | EN3684        | AEROSPACE SERIES - TEST METHODS - TITANIUM ALLOYS WROUGHT PRODUCTS - DETERMINATION OF ? TRANSUS TEMPERATURE - METALLOGRAPHIC METHOD | LOW           | QUALIFIED                              |                 |                           |                                       |
| 303102              | AMPP SERVICES LTD               | 2D MERLIN COURT              | CB6 3NX                | ELY                | GB                    | QVA-Z10-53-00 | METALLOGRAPHIC TEST MACROSCOPIC EXAMINATION GENERAL INFORMATION                                                                     | LOW           | QUALIFIED                              |                 |                           |                                       |
| 301462              | ETIM                            | ALLEE DU CHAFFAULT           | 44340                  | BOUGUENAI          | FR                    | AITM1-0053    | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C                              | HIGH          | QUALIFIED                              |                 |                           |                                       |
| 301462              | ETIM                            | ALLEE DU CHAFFAULT           | 44340                  | BOUGUENAI          | FR                    | AITM4-0003    | TEST METHOD FOR DETERMINING THE PORE CONTENT OF FIBER REINFORCED PLASTICS USING AUTOMATIC IMAGE ANALYSIS                            | HIGH          | QUALIFIED                              |                 |                           |                                       |
| 146561              | AIRBUS DEFENCE AND SPACE S.A.U. | AV JOHN LENNON S/N           | 28906                  | GETAFE             | ES                    | ISO2685       | AIRCRAFT ? ENVIRONMENTAL TEST PROCEDURE FOR AIRBORNE EQUIPMENT ? RESISTANCE TO FIRE IN DESIGNATED FIRE ZONES                        | HIGH          | AUTHORISED TO PROCEED                  | 30/06/2023      |                           | 30/11/2022                            |
| 298897              | FUNDACION CENTRO TECNOLOGICO    | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0003    | ANALYSIS OF ORGANIC COMPOUNDS BY INFRARED SPECTROSCOPY                                                                              | LOW           | QUALIFIED                              |                 |                           |                                       |
| 286347              | LGA1 TECHNOLOGICAL CENTER SA    | RD DE LA FONT DEL CAME SN    | 08193                  | BELLATERRA         | ES                    | AITM1-0008    | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD                                        | HIGH          | QUALIFIED WITH LIMITATIONS             |                 | *Limited to type A3       |                                       |

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| 276098              | WESTMORELAND MECHANICAL TESTING &   | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN         | US                    | ASTME561     | STANDARD TEST METHOD FOR R-CURVE DETERMINATION                                          | HIGH          | QUALIFIED             |                 |                           | 11/05/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                         | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                  | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                 | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                        | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                              | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | AITM1-0002   | FIBRE REINFORCED PLASTICSDETERMINATION OF IN-PLANE-SHEAR PROPERTIES                     | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | AITM1-0007   | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL             | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION               | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD     | 45240-2805             | CINCINNATI         | US                    | EN2747       | GLASS FIBRE REINFORCED PLASTICS TENSILE TEST                                            | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |



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| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ISO627-5     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 5: TEST CONDITIONS FOR UNIDIRECTIONAL FIBRE-REINFORCED PLASTIC COMPOSITES | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ASTMC365     | STANDARD TEST METHOD FOR FLATWISE COMPRESSIVE PROPERTIES OF SANDWICH CORES                                                      | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR                        | HIGH          | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | ***LIMITED TO TYPE B TEST PIECE*** | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ISO844       | RIGID CELLULAR PLASTICS - DETERMINATION OF COMPRESSION PROPERTIES                                                               | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                                 | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ASTMC273     | STANDARD TEST METHOD FOR SHEAR PROPERTIES OF SANDWICH CORE MATERIALS                                                            | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                                                                           | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | AITM1-0018   | SANDWICH FLEXURAL TEST 4-POINT BENDING                                                                                          | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ASTMD790     | STANDARD TEST METHODS FOR FLEXURAL PROPERTIES OF UNREINFORCED AND REINFORCED PLASTICS AND ELECTRICAL INSULATING MATERIALS       | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | EN2377       | GLASS FIBRE REINFORCED PLASTICS; TEST METHOD: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                             | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                          | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                    | 21/11/2022                            |

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| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ASTMD1876    | STANDARD TEST METHOD FOR PEEL RESISTANCE OF ADHESIVES (T-PEEL TEST)                                                                       | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ISO8510-2    | ADHESIVES - PEEL TEST FOR A FLEXIBLE-BONDED-TO-RIGID TEST SPECIMEN ASSEMBLY - PART 2: 180° PEEL                                           | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | AITM1-0057   | IMPACT RESISTANCE OF LAMINATE AND SANDWICH                                                                                                | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ASTMC271     | STANDARD TEST METHOD FOR DENSITY OF SANDWICH CORE MATERIALS                                                                               | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ASTMD2734    | STANDARD TEST METHOD FOR VOID CONTENT OF REINFORCED PLASTICS                                                                              | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ASTMD2584    | STANDARD TEST METHOD FOR IGNITION LOSS OF CURED REINFORCED RESINS                                                                         | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ASTMD2240    | STANDARD TEST METHOD FOR RUBBER PROPERTY ? DUROMETER HARDNESS                                                                             | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ISO291       | PLASTICS - STANDARD ATMOSPHERES FOR CONDITIONING AND TESTING                                                                              | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ISO5893      | RUBBER AND PLASTICS TEST EQUIPMENT - TENSILE FLEXURAL AND COMPRESSION TYPES (CONSTANT RATE OF TRAVERSE) - SPECIFICATION                   | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | NASM1312-1   | FASTENER TEST METHODS SALT SPRAY                                                                                                          | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |

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| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | NASM1312-4   | FASTENER TEST METHODS LAP JOINT SHEAR TEST COMPOSITE                                                    | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTMB769     | STANDARD TEST METHOD FOR SHEAR TESTING OF ALUMINUM ALLOYS                                               | LOW           | QUALIFIED             |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS | LOW           | AUTHORISED TO PROCEED | 30/11/2022      |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                         | LOW           | QUALIFIED             |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                 | LOW           | QUALIFIED             |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | EN2002-6     | METALLIC MATERIALS: BEND TESTING                                                                        | LOW           | QUALIFIED             |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                              | LOW           | QUALIFIED             |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                | LOW           | QUALIFIED             |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                      | LOW           | QUALIFIED             |                 |                           |                                       |

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| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                        | LOW           | AUTHORISED TO PROCEED      | 30/11/2022      |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ISO4516      | METALLIC AND OTHER INORGANIC COATINGS - VICKERS AND KNOOP MICROHARDNESS TESTS               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                  | LOW           | QUALIFIED                  |                 |                           |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                 | LOW           | QUALIFIED WITH LIMITATIONS |                 | HRC ONLY                  |                                       |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI         | US                    | ASTMG85      | STANDARD PRACTICE FOR MODIFIED SALT SPRAY (FOG) TESTING EXPERTISE: EDSWB / MAIN USER: EDSWO | LOW           | QUALIFIED                  |                 |                           |                                       |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI         | US                    | ASTMG85      | STANDARD PRACTICE FOR MODIFIED SALT SPRAY (FOG) TESTING EXPERTISE: EDSWB / MAIN USER: EDSWO | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                           | 21/11/2022                            |
| 305222              | GMA-WERKSTOFFPRUEFFUNG GMBH         | RIESWEG 151          | 26316                  | VAREL              | DE                    | AITM3-0029   | DETERMINATION OF IRON (III) AS REACTIVE COMPOUND IN ACIDIC SURFACE TREATMENT BATHS          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305222              | GMA-WERKSTOFFPRUEFFUNG GMBH         | RIESWEG 151          | 26316                  | VAREL              | DE                    | AITM3-0030   | TITRATION OF SULPHURIC AND TARTARIC ACID IN ANODIZING ELECTROLYTES                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305222              | GMA-WERKSTOFFPRUEFFUNG GMBH         | RIESWEG 151          | 26316                  | VAREL              | DE                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS  | LOW           | QUALIFIED                  |                 |                           |                                       |

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| 305222              | GMA-WERKSTOFFPRU EFFUNG GMBH | RIESWEG 151          | 26316                  | VAREL              | DE                    | AITM3-0035    | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                                                                                                                                      | LOW           | QUALIFIED             |                 |                           |                                       |
| 305222              | GMA-WERKSTOFFPRU EFFUNG GMBH | RIESWEG 151          | 26316                  | VAREL              | DE                    | AITM3-0036    | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                                                                                                                                | LOW           | QUALIFIED             |                 |                           |                                       |
| 305222              | GMA-WERKSTOFFPRU EFFUNG GMBH | RIESWEG 151          | 26316                  | VAREL              | DE                    | ISO4628-2     | PAINTS AND VARNISHES - EVALUATION OF DEGRADATION OF COATINGS; DESIGNATION OF QUANTITY AND SIZE OF DEFECTS AND OF INTENSITY OF UNIFORM CHANGES IN APPEARANCE - PART 2: ASSESSMENT OF DEGREE OF BLISTERING | LOW           | QUALIFIED             |                 |                           |                                       |
| 305222              | GMA-WERKSTOFFPRU EFFUNG GMBH | RIESWEG 151          | 26316                  | VAREL              | DE                    | QVA-Z09-23-00 | DETERMINATION OF THE SPECIFIC CONDUCTIVITY IN AQUEOUS MEDIA                                                                                                                                              | LOW           | QUALIFIED             |                 |                           |                                       |
| 305222              | GMA-WERKSTOFFPRU EFFUNG GMBH | RIESWEG 151          | 26316                  | VAREL              | DE                    | QVA-Z09-25-00 | DETERMINATION OF REMOVAL RATE OF ALKALINE PICKLING BATHS                                                                                                                                                 | LOW           | QUALIFIED             |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRU EFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM1-0016    | THE DETERMINATION OF THE EFFECT OF LIQUID CLEANING AGENTS UPON THE PEEL STRENGTH OF HEAT CURED FILM ADHESIVE / BONDING PRIMER SYSTEMS                                                                    | LOW           | AUTHORISED TO PROCEED | 31/03/2022      |                           |                                       |
| 305214              | GMA-WERKSTOFFPRU EFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM1-0017    | THE DETERMINATION OF THE EFFECT OF LIQUID CLEANING AGENTS UPON THE ADHESION OF PAINT PRIMERS TO ADHESIVE BONDING PRIMERS                                                                                 | LOW           | AUTHORISED TO PROCEED | 31/03/2022      |                           |                                       |
| 305214              | GMA-WERKSTOFFPRU EFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM1-0021    | THE DETERMINATION OF THE EFFECT OF LIQUID CLEANING AGENTS UPON THE PROPERTIES OF ELASTOMERIC MATERIALS                                                                                                   | LOW           | AUTHORISED TO PROCEED | 31/03/2022      |                           |                                       |
| 305214              | GMA-WERKSTOFFPRU EFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM1-0022    | WETTABILITY TEST                                                                                                                                                                                         | LOW           | QUALIFIED             |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRU EFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM1-0033    | SEALANTS: DETERMINATION OF THE CURING RATE OF SEALING MATERIALS                                                                                                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRU EFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM2-0011    | AIRBUS INDUSTRIE TEST METHOD DRYING TIME                                                                                                                                                                 | LOW           | QUALIFIED             |                 |                           |                                       |

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| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0007   | DROP (REACTION ) TEST ON ALUMINIUM AND ALUMINIUM ALLOYS                                                                                                            | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO QVA-Z10-58-01 AND QVA-Z10-58-02 (RESTRICTED TO LEGACY PROGRAMS) |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0013   | TESTING OF SUSCEPTIBILITY TO EXFOLIATION CORROSION IN 2XXX AND 7XXX SERIES WROUGHT ALUMINIUM ALLOY PRODUCTS                                                        | LOW           | QUALIFIED                  |                 |                                                                                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0015   | DETERMINATION OF PHOSPHORIC ACID CONTENT                                                                                                                           | LOW           | QUALIFIED                  |                 |                                                                                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM3-0038   | DETERMINATION OF NON-VOLATILE-RESIDUE                                                                                                                              | LOW           | QUALIFIED                  |                 |                                                                                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM5-0009   | DETERMINATION OF RESISTANCE TO BOND LINE CORROSION                                                                                                                 | HIGH          | QUALIFIED                  |                 |                                                                                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM7-0003   | SEALANTS: DETERMINATION OF APPLICATION TOME OF SEALING MATERIALS                                                                                                   | LOW           | QUALIFIED                  |                 |                                                                                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                                 | LOW           | QUALIFIED                  |                 |                                                                                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                                             | LOW           | QUALIFIED                  |                 |                                                                                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | ASTMG110     | STANDARD PRACTICE FOR EVALUATING INTERGRANULAR CORROSION RESISTANCE OF HEAT TREATABLE ALUMINIUM ALLOYS BY IMERSION IN SODIUM CHLORIDE + HYDROGEN PEROXIDE SOLUTION | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO QVA-Z10-59-03 (RESTRICTED TO LEGACY PROGRAMS)                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINIUM ALLOYS                                                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO QVA-Z10-59-04 (RESTRICTED TO LEGACY PROGRAMS)                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                                  | LOW           | QUALIFIED WITH LIMITATIONS |                 | METHOD A                                                                          |                                       |

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| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1                | 26954                  | NORDENHAM           | DE                    | EN3114       | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART 1 2 3 AND 4                                                                                                           | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1                | 26954                  | NORDENHAM           | DE                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                                                                                                                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | METHOD 6A — CROSS-SECTIONING - VERSION 1 — BY GRINDING          |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1                | 26954                  | NORDENHAM           | DE                    | ISO4628-2    | PAINTS AND VARNISHES - EVALUATION OF DEGRADATION OF COATINGS; DESIGNATION OF QUANTITY AND SIZE OF DEFECTS AND OF INTENSITY OF UNIFORM CHANGES IN APPEARANCE - PART 2: ASSESSMENT OF DEGREE OF BLISTERING | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1                | 26954                  | NORDENHAM           | DE                    | ISO6270-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO HUMIDITY - PART 2: PROCEDURE FOR EXPOSING TEST SPECIMENS IN CONDENSATION-WATER ATMOSPHERES                                                         | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1                | 26954                  | NORDENHAM           | DE                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                                                                             | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO QVA-Z10-59-01 (RESTRICTED TO LEGACY PROGRAMS) |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH | WERFTSTR. 1                | 26954                  | NORDENHAM           | DE                    | ISO868       | PLASTICS AND EBONITE - DETERMINATION OF INDENTATION HARDNESS BY MEANS OF A DUROMETER (SHORE HARDNESS)                                                                                                    | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES            | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                                                               | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES            | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                                                                       | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES            | 95310                  | SAINT-OUEN L'AUMONE | FR                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                                                                        | LOW           | QUALIFIED WITH LIMITATIONS |                 | RESTRICTED TO METHOD A                                          |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES            | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                                                                                          | LOW           | QUALIFIED                  |                 |                                                                 | 10/03/2022                            |
| 298999              | SYSTEMES PRODUITS ANALYSES  | 59 RUE DU MARECHAL LECLERC | 28110                  | LUCE                | FR                    | AITM3-0030   | TITRATION OF SULPHURIC AND TARTARIC ACID IN ANODIZING ELECTROLYTES                                                                                                                                       | LOW           | QUALIFIED                  |                 |                                                                 |                                       |

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| 197093              | SGS FRANCE TRANSPORTATION | CHEMIN DE MARTICOT       | 33611                  | CESTAS CEDEX           | FR                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                                    | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 197093              | SGS FRANCE TRANSPORTATION | CHEMIN DE MARTICOT       | 33611                  | CESTAS CEDEX           | FR                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                                                   | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 197093              | SGS FRANCE TRANSPORTATION | CHEMIN DE MARTICOT       | 33611                  | CESTAS CEDEX           | FR                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                       | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 197093              | SGS FRANCE TRANSPORTATION | CHEMIN DE MARTICOT       | 33611                  | CESTAS CEDEX           | FR                    | ISO11341     | PAINTS AND VARNISHES - ARTIFICIAL WEATHERING AND EXPOSURE TO ARTIFICIAL RADIATION - EXPOSURE TO FILTERED XENON-ARC RADIATION | LOW           | QUALIFIED WITH LIMITATIONS |                 | Only Method 1 Cycle A                          |                                       |
| 296665              | LABORATOIRE ECCI          | 185 RUE DE BIELLE        | 64121                  | SERRES-CASTET CEDEX    | FR                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS                | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 296665              | LABORATOIRE ECCI          | 185 RUE DE BIELLE        | 64121                  | SERRES-CASTET CEDEX    | FR                    | ISO17639     | DESTRUCTIVE TESTS ON WELDS IN METALLIC MATERIALS - MACROSCOPIC AND MICROSCOPIC EXAMINATION OF WELDS                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO QUALIFIED REGARDING ISO 24394 CHAPTER 8.5 | 18/11/2022                            |
| 197093              | SGS FRANCE TRANSPORTATION | CHEMIN DE MARTICOT       | 33611                  | CESTAS CEDEX           | FR                    | ISO4892-2    | PLASTICS ? METHODS OF EXPOSURE TO LABORATORY LIGHT SOURCES/ PART 2 ? XENON-ARC SOURCES                                       | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 276093              | DICKSON TESTING CO INC    | 11126 PALMER AVENUE      | 90280                  | SOUTH GATE LOS ANGELES | US                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                                      | LOW           | QUALIFIED                  |                 |                                                | 31/03/2022                            |
| 305773              | CETIM MAROC               | MAROCAEROPOLE DE NOUASSE | 20000                  | CASABLANCA             | MA                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                              | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                                |                                       |
| 305773              | CETIM MAROC               | MAROCAEROPOLE DE NOUASSE | 20000                  | CASABLANCA             | MA                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                       | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                                |                                       |
| 305773              | CETIM MAROC               | MAROCAEROPOLE DE NOUASSE | 20000                  | CASABLANCA             | MA                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                                      | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                                |                                       |



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| 305773              | CETIM MAROC                  | MAROCAEROPOLE DE NOUASSE       | 20000                  | CASABLANCA         | MA                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                             | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 305773              | CETIM MAROC                  | MAROCAEROPOLE DE NOUASSE       | 20000                  | CASABLANCA         | MA                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                               | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM3-0001   | ANALYSIS OF THERMOSET SYSTEMS BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHIE                                                                               | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBERWEG 24             | 21684                  | STADE              | DE                    | EN2332       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN FLOW                                              | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBERWEG 24             | 21684                  | STADE              | DE                    | EN2331       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN AND FIBRE CONTENT AND MASS OF FIBRE PER UNIT AREA | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBERWEG 24             | 21684                  | STADE              | DE                    | EN2329       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF MASS PER UNIT AREA                                          | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBERWEG 24             | 21684                  | STADE              | DE                    | EN2330       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE CONTENT OF VOLATILE MATTER                              | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1  | 41309                  | LA RINCONADA       | ES                    | AITM4-0005   | MACROSCOPIC AND MICROSCOPIC EXAMINATION OF FIBER REINFORCED PLASTICS                                                                                   | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61   | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                                                              | LOW           | QUALIFIED WITH LIMITATIONS |                 | -RESTRICTED TO ANALYSIS OF METALS IN GALVANIC BATHES BY FLAME ATOMIC ABSORPTION SPECTROMETRY       |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                    | 4900                   | LANGENTHAL         | CH                    | ISO8543      | TEXTILE FLOOR COVERINGS ? METHODS FOR DETERMINATION OF MASS                                                                                            | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal testing needs / * Not possible to offer this test to external customers |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBERWEG 24             | 21684                  | STADE              | DE                    | ISO4288      | GEOMETRICAL PRODUCT SPECIFICATIONS (GPS) - SURFACE TEXTURE; PROFILE METHOD - RULES AND PROCEDURES FOR THE ASSESSMENT OF SURFACE TEXTURE                | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |

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| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24  | 21684                  | STADE              | DE                    | AITM1-0070    | SURFACE ROUGHNESS MEASUREMENTS USING SURFACE STYLUS METHODS                                                                                                         | LOW           | QUALIFIED             |                 |                                                                 |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24  | 21684                  | STADE              | DE                    | ISO4287       | GEOMETRICAL PRODUCT SPECIFICATION (GPS) - SURFACE TEXTURE: PROFILE METHOD - TERMS DEFINITIONS AND SURFACE TEXTURE PARAMETERS                                        | LOW           | QUALIFIED             |                 |                                                                 |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24  | 21684                  | STADE              | DE                    | EN2823        | FIBRE REINFORCED PLASTICS - DETERMINATION OF THE EFFECT OF EXPOSURE TO HUMID ATMOSPHERE                                                                             | LOW           | QUALIFIED             |                 |                                                                 |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24  | 21684                  | STADE              | DE                    | QVA-Z10-46-07 | DETERMINATION OF THE FLOW ADHESIVE FILMS                                                                                                                            | LOW           | QUALIFIED             |                 |                                                                 |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24  | 21684                  | STADE              | DE                    | QVA-Z10-46-08 | DETERMINATION OF WEIGHT PER UNIT AREA OF ADHESIVE FOILS PREPREGS AND FIBRES                                                                                         | LOW           | QUALIFIED             |                 |                                                                 |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24  | 21684                  | STADE              | DE                    | QVA-Z10-46-20 | DETERMINATION OF RESIN CONTENT OF PREPREGS                                                                                                                          | LOW           | QUALIFIED             |                 |                                                                 |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH | JULIUS-LEBER-WEG 24  | 21684                  | STADE              | DE                    | ISO1172       | TEXTILES ? GLASS REINFORCED PLASTICS ? PREPREGS MOULDING COMPOUNDS AND LAMINATES ? DETERMINATION OF TEXTILE ? GLASS AND MINERAL FILLER CONTENT ? CALCINATION METHOD | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                                                                 | 25/11/2022                            |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | EN2667-2      | STRUCTURAL ADHESIVES COMPRESSIVE TUBE SHEAR                                                                                                                         | LOW           | AUTHORISED TO PROCEED | 31/03/2022      | ONLY according to QVA-Z10-46-06 (Restricted to Legacy programs) |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | AITM1-0025    | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                                                                                         | LOW           | AUTHORISED TO PROCEED | 31/03/2022      |                                                                 |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | ISO8510-2     | ADHESIVES - PEEL TEST FOR A FLEXIBLE-BONDED-TO-RIGID TEST SPECIMEN ASSEMBLY - PART 2: 180? PEEL                                                                     | LOW           | AUTHORISED TO PROCEED | 31/03/2022      |                                                                 |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH | WERFTSTR. 1          | 26954                  | NORDENHAM          | DE                    | ISO4578       | ADHESIVES ? DETERMINATION OF PEEL RESISTANCE OF HIGH-STRENGTH ADHESIVE BONDS ? FLOATING ROLLER METHOD                                                               | LOW           | AUTHORISED TO PROCEED | 31/03/2022      |                                                                 |                                       |

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| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH  | WERFTSTR. 1                  | 26954                  | NORDENHAM          | DE                    | ISO14125      | FIBER ? REINFORCED PLASTIC COMPOSITES ? DETERMINATION OF FLEXURAL PROPERTIES                                                                     | LOW           | AUTHORISED TO PROCEED      | 31/03/2022      |                                   |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH  | WERFTSTR. 1                  | 26954                  | NORDENHAM          | DE                    | ISO1183-1     | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 305222              | GMA-WERKSTOFFPRUEFFUNG GMBH  | RIESWEG 151                  | 26316                  | VAREL              | DE                    | QVA-Z09-07-36 | DETERMINATION OF HYDROXIDE IN ALKALINE CLEANING BATHS                                                                                            | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN    | 08193                  | BELLATERRA         | ES                    | ASTMC273      | STANDARD TEST METHOD FOR SHEAR PROPERTIES OF SANDWICH CORE MATERIALS                                                                             | LOW           | QUALIFIED WITH LIMITATIONS |                 | / SPECIMEN MACHINING NOT INCLUDED | 07/09/2022                            |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN    | 08193                  | BELLATERRA         | ES                    | ASTMC365      | STANDARD TEST METHOD FOR FLATWISE COMPRESSIVE PROPERTIES OF SANDWICH CORES                                                                       | LOW           | QUALIFIED WITH LIMITATIONS |                 | / SPECIMEN MACHINING NOT INCLUDED | 07/09/2022                            |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | ISO11357-2    | PLASTICS ? DIFFERENTIAL SCANNING CALORIMETRY (DCS)/ PART 2 ? DETERMINATION OF GLASS TRANSITION                                                   | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | ISO11357-3    | PLASTICS ? DIFFERENTIAL SCANNING CALORIMETRY (DCS)/ PART 3 ? DETERMINATION OF TEMPERATURE AND ENTHALPY OF MELTING AND CRYSTALLIZATION            | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | ASTME2602-09  | STANDARD TEST METHOD FOR THE ASSIGNMENT OF THE GLASS TRANSITION TEMPERATURE BY MODULATED TEMPERATURE DIFFERENTIAL SCANNING CALORIMETRY           | HIGH          | AUTHORISED TO PROCEED      | 31/01/2022      |                                   |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | ISO11358      | PLASTICS - THERMOGRAVIMETRY (TG) OF POLYMERS                                                                                                     | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | EN2557        | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA                                                             | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | EN2558        | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                                                           | LOW           | QUALIFIED                  |                 |                                   |                                       |

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| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | EN2329       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF MASS PER UNIT AREA                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | EN2330       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE CONTENT OF VOLATILE MATTER                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | EN2331       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN AND FIBRE CONTENT AND MASS OF FIBRE PER UNIT AREA | LOW           | QUALIFIED            |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM3-0029   | DETERMINATION OF IRON (III) AS REACTIVE COMPOUND IN ACIDIC SURFACE TREATMENT BATHS                                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM3-0037   | DETERMINATION OF PHOSPHORIC AND SULPHURIC ACID IN ANODIZING ELECTROLYTES                                                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM3-0038   | DETERMINATION OF NON-VOLATILE-RESIDUE                                                                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ASTMD1125    | STANDARD TEST METHODS FOR ELECTRICAL CONDUCTIVITY AND RESISTIVITY OF WATER                                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO3696      | WATER FOR ANALYTICAL LABORATORY USE; SPECIFICATION AND TEST METHODS                                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ASTMD445     | STANDARD TEST METHOD FOR KINEMATIC VISCOSITY OF TRANSPARENT AND OPAQUE LIQUIDS (AND CALCULATION OF DYNAMIC VISCOSITY)                                  | LOW           | QUALIFIED            |                 |                           |                                       |

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| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ASTMB487     | TEST METHOD FOR MEASUREMENT OF METAL AND OXIDE COATING THICKNESSES BY MICROSCOPICAL EXAMINATION OF A CROSS-SECTION                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO2143      | ANODIZING OF ALUMINIUM AND ITS ALLOYS - ESTIMATION OF LOSS OF ABSORPTIVE POWER OF ANODIC OXIDATION COATINGS AFTER SEALING - DYE-SPOT TEST WITH PRIOR ACID TREATMENT | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM1-0070   | SURFACE ROUGHNESS MEASUREMENTS USING SURFACE STYLUS METHODS                                                                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM1-0024   | DETERMINATION OF THE COMPLETENESS OF CURE OF ORGANIC COATINGS                                                                                                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM1-0054   | DETERMINATION OF ORANGE PEEL                                                                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM2-0027   | DETERMINATION OF COLOUR DIFFERENCES                                                                                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM2-0031   | DETERMINATION OF ELECTRICAL RESISTIVITY BY OHMIC METHOD                                                                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ASTMD3359    | MEASURING ADHESION BY TAPE TEST                                                                                                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO2811-1    | PAINTS AND VARNISHES - DETERMINATION OF DENSITY - PART 1: PYKNOMETER METHOD                                                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO3251      | PAINTS VARNISHES AND PLASTICS - DETERMINATION OF NON-VOLATILE-MATTER CONTENT                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO9514      | PAINTS AND VARNISHES - DETERMINATION OF THE POT LIFE OF MULTICOMPONENT COATING SYSTEMS - PREPARATION AND CONDITIONING OF SAMPLES AND GUIDELINES FOR TESTING         | LOW           | QUALIFIED            |                 |                           |                                       |

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| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA       | ES                    | AITM1-0036   | SEALANTS: DETERMINATION OF ASSEMBLY TIME                                                                             | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA       | ES                    | AITM2-0033   | SEALANTS: DETERMINATION OF SLUMP                                                                                     | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA       | ES                    | AITM2-0034   | SEALANTS: DETERMINATION OF TACK-FREE TIME OF SEALING MATERIALS                                                       | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA       | ES                    | AITM7-0003   | SEALANTS: DETERMINATION OF APPLICATION TOME OF SEALING MATERIALS                                                     | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA       | ES                    | AITM2-0055   | NSA 307 110 HYDRAULIC FLUID MONITORING PRIOR TO AIRCRAFT DELIVERY                                                    | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA       | ES                    | AITM7-0010   | DETERMINATION OF MICROBIOLOGICAL CONTAMINATION IN AVIATION FUEL                                                      | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA       | ES                    | ASTMD86      | STANDARD TEST METHOD FOR DISTILLATION OF PETROLEUM PRODUCTS AT ATMOSPHERIC PRESSURE                                  | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA       | ES                    | ISO758       | LIQUID CHEMICAL PRODUCTS FOR INDUSTRIAL USE; DETERMINATION OF DENSITY AT 20 DEGREES C                                | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA       | ES                    | ISO3675      | CRUDE PETROLEUM AND LIQUID PETROLEUM PRODUCTS - LABORATORY DETERMINATION OF DENSITY - HYDROMETER METHOD              | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 176634              | LANTAL TEXTILES AG          | DORFGASSE 5                    | 4900                   | LANGENTHAL         | CH                    | ISO10361     | TEXTILE FLOOR COVERINGS ? PRODUCTION OF CHANGES IN APPEARANCE BY MEANS OF VETTERMANN DRUM AND HEXAPOD TUMBLER TESTER | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal needs / * Not possible to offer this test to external customers |                                       |
| 296664              | RESCOLL                     | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM2-0006   | DETERMINATION OF HEAT RELEASE AND HEAT RELEASE RATE OF AIRCRAFT MATERIALS                                            | HIGH          | QUALIFIED                  |                 |                                                                                            |                                       |

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| 307529              | WARRINGTONFIRE FRANKFURT GMBH  | INDUSTRIEPARK HOECHST, GEB. C369 | 65926                  | FRANKFURT          | DE                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 307529              | WARRINGTONFIRE FRANKFURT GMBH  | INDUSTRIEPARK HOECHST, GEB. C369 | 65926                  | FRANKFURT          | DE                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 307529              | WARRINGTONFIRE FRANKFURT GMBH  | INDUSTRIEPARK HOECHST, GEB. C369 | 65926                  | FRANKFURT          | DE                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45° BUNSEN BURNER TEST                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 307529              | WARRINGTONFIRE FRANKFURT GMBH  | INDUSTRIEPARK HOECHST, GEB. C369 | 65926                  | FRANKFURT          | DE                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60° BUNSEN BURNER TEST                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 307529              | WARRINGTONFIRE FRANKFURT GMBH  | INDUSTRIEPARK HOECHST, GEB. C369 | 65926                  | FRANKFURT          | DE                    | AITM2-0007   | DETERMINATION OF THE SPECIFIC OPTICAL SMOKE DENSITY OF COMPONENT PARTS OR SUB-ASSEMBLIES OF AIRCRAFT ASSEMBLIES | HIGH          | QUALIFIED            |                 |                           |                                       |
| 307529              | WARRINGTONFIRE FRANKFURT GMBH  | INDUSTRIEPARK HOECHST, GEB. C369 | 65926                  | FRANKFURT          | DE                    | AITM2-0008   | DETERMINATION OF THE OPTICAL SMOKE DENSITY OF ELECTRICAL AND NON-ELECTRICAL CABLE                               | HIGH          | QUALIFIED            |                 |                           |                                       |
| 307529              | WARRINGTONFIRE FRANKFURT GMBH  | INDUSTRIEPARK HOECHST, GEB. C369 | 65926                  | FRANKFURT          | DE                    | AITM2-0009   | FIRE RESISTANCE OF AIRCRAFT SEAT CUSHION UTILIZING A HIGH INTENSITY OPEN FLAME                                  | HIGH          | QUALIFIED            |                 |                           | 01/07/2022                            |
| 307529              | WARRINGTONFIRE FRANKFURT GMBH  | INDUSTRIEPARK HOECHST, GEB. C369 | 65926                  | FRANKFURT          | DE                    | AITM2-0038   | FLAMMABILITY OF NONMETALLIC HEAT SHRINKABLE TUBINGS - SMALL BURNER TEST 60° -                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 306756              | ACCUFLEET TESTING SERVICES INC | 1959 SOUTH STARPOINT DRIVE       | 77379                  | HOUSTON            | US                    | AITM2-0009   | FIRE RESISTANCE OF AIRCRAFT SEAT CUSHION UTILIZING A HIGH INTENSITY OPEN FLAME                                  | HIGH          | QUALIFIED            |                 |                           | 02/08/2022                            |
| 298897              | FUNDACION CENTRO TECNOLOGICO   | MONTANANA PARCELAS R 60 R 61     | 09200                  | MIRANDA DE EBRO    | ES                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO   | MONTANANA PARCELAS R 60 R 61     | 09200                  | MIRANDA DE EBRO    | ES                    | ASTM B117    | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                      | LOW           | QUALIFIED            |                 |                           |                                       |

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| 294826              | RESCOLL                      | RUE MAURICE MALLET           | 17303                  | ROCHEFORT CEDEX        | FR                    | IGC04-26-406 | DENSIFICATION RESINS INSERT EXTRACTION PERPENDICULAR TENSILE TEST                                                                                                   | LOW           | QUALIFIED                  |                 |                                                                                                |                                       |
| 276093              | DICKSON TESTING CO INC       | 11126 PALMER AVENUE          | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME238     | STANDARD TEST METHOD FOR PIN-TYPE BEARING TEST OF METALLIC MATERIALS                                                                                                | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ONLY ROOM TEMPERATURE TESTS (23°C ± 3°C), NOR. HIGH NEITHER LOW TEMPERATURE TESTS ARE ALLOWED. | 30/11/2022                            |
| 169755              | IMA MATERIALFORSCHUNG UND    | WILHELMINE-REICHARD-RING 4   | 01109                  | DRESDEN                | DE                    | ASTME561     | STANDARD TEST METHOD FOR R-CURVE DETERMINATION                                                                                                                      | HIGH          | QUALIFIED                  |                 |                                                                                                |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO        | ES                    | ISO2143      | ANODIZING OF ALUMINIUM AND ITS ALLOYS - ESTIMATION OF LOSS OF ABSORPTIVE POWER OF ANODIC OXIDATION COATINGS AFTER SEALING - DYE-SPOT TEST WITH PRIOR ACID TREATMENT | LOW           | QUALIFIED                  |                 |                                                                                                |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO        | ES                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                          | LOW           | QUALIFIED                  |                 |                                                                                                |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO        | ES                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                                                               | LOW           | QUALIFIED                  |                 |                                                                                                |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO        | ES                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD                                                                      | LOW           | QUALIFIED                  |                 |                                                                                                |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO        | ES                    | ISO2360      | NON-CONDUCTIVE COATINGS ON NON-MAGNETIC ELECTRICALLY CONDUCTIVE BASIS MATERIALS - MEASUREMENT OF COATING THICKNESS - AMPLITUDE-SENSITIVE EDDY CURRENT METHOD        | LOW           | QUALIFIED                  |                 |                                                                                                |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO        | ES                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                                                                              | LOW           | QUALIFIED WITH LIMITATIONS |                 | Methods 4A, 6A, 7C                                                                             |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO        | ES                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD           | LOW           | QUALIFIED                  |                 |                                                                                                |                                       |
| 294826              | RESCOLL                      | RUE MAURICE MALLET           | 17303                  | ROCHEFORT CEDEX        | FR                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD                    | LOW           | QUALIFIED WITH LIMITATIONS |                 | METHOD A                                                                                       |                                       |



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| 176634              | LANTAL TEXTILES AG                  | DORFGASSE 5                    | 4900                   | LANGENTHAL         | CH                    | ISO12945-2   | TEXTILES - DETERMINATION OF FABRIC PROPENSITY TO SURFACE FUZZING AND TO PILLING - PART 2: MODIFIED MARTINDALE METHOD                                       | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal testing needs / * Not possible to offer this test to external customers |                                       |
| 176634              | LANTAL TEXTILES AG                  | DORFGASSE 5                    | 4900                   | LANGENTHAL         | CH                    | ISO13935-1   | TEXTILES - SEAM TENSILE PROPERTIES OF FABRICS AND MADE-UP TEXTILE ARTICLES - PART 1: DETERMINATION OF MAXIMUM FORCE TO SEAM RUPTURE USING THE STRIP METHOD | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal testing needs / * Not possible to offer this test to external customers |                                       |
| 176634              | LANTAL TEXTILES AG                  | DORFGASSE 5                    | 4900                   | LANGENTHAL         | CH                    | ISO13937-2   | TEXTILES - TEAR PROPERTIES OF FABRICS - PART 2: DETERMINATION OF TEAR FORCE OF TROUSER-SHAPED TEST SPECIMENS (SINGLE TEAR METHOD)                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal testing needs / * Not possible to offer this test to external customers |                                       |
| 301462              | ETIM                                | ALLEE DU CHAFFAULT             | 44340                  | BOUGUENAIS         | FR                    | AITM1-0070   | SURFACE ROUGHNESS MEASUREMENTS USING SURFACE STYLUS METHODS                                                                                                | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA        | RD DE LA FONT DEL CAME SN      | 08193                  | BELLATERRA         | ES                    | AITM4-0005   | MACROSCOPIC AND MICROSCOPIC EXAMINATION OF FIBER REINFORCED PLASTICS                                                                                       | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 296664              | RESCOLL                             | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR                                                   | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ***LIMITED TO TYPE B TEST PIECE***                                                                 | 01/09/2022                            |
| 298897              | FUNDACION CENTRO TECNOLÓGICO        | MONTANANA PARCELAS R 60 R 61   | 09200                  | MIRANDA DE EBRO    | ES                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD           | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 294826              | RESCOLL                             | RUE MAURICE MALLET             | 17303                  | ROCHEFORT CEDEX    | FR                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                               | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39               | 301 00                 | PLZEN              | CZ                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD  | LOW           | QUALIFIED WITH LIMITATIONS |                 | H DETERMINATION IN TI & TI ALLOYS                                                                  |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39               | 301 00                 | PLZEN              | CZ                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS                                                    | LOW           | QUALIFIED                  |                 |                                                                                                    | 20/09/2022                            |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39               | 301 00                 | PLZEN              | CZ                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                                                                             | HIGH          | QUALIFIED                  |                 |                                                                                                    |                                       |

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| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                 | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/12/2022      | NOT QUALIFIED FOR YOUNG MODULUS | 22/02/2022                            |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                          | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/12/2022      | NOT QUALIFIED FOR YOUNG MODULUS | 22/02/2022                            |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                         | LOW           | QUALIFIED WITH LIMITATIONS             |                 | NOT QUALIFIED FOR YOUNG MODULUS | 13/09/2022                            |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                              | HIGH          | QUALIFIED                              |                 |                                 |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | ASTMA604     | STANDARD PRACTICE FOR MACROETCH TESTING OF CONSUMABLE ELECTRODE REMELTED STEEL BARS AND BILLETS | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                              | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                     | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                      | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                              | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                            | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN              | CZ                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                  | LOW           | QUALIFIED                              |                 |                                 |                                       |

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| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39               | 301 00                 | PLZEN                            | CZ                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39               | 301 00                 | PLZEN                            | CZ                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                            | LOW           | QUALIFIED             |                 |                           |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39               | 301 00                 | PLZEN                            | CZ                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                        | LOW           | QUALIFIED             |                 |                           |                                       |
| 305901              | BIAM - AVIC BEIJING INSTITUTE       | HUANSHANCUN                    | 100095                 | BEIJING                          | CN                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                        | LOW           | QUALIFIED             |                 |                           | 21/04/2022                            |
| 294826              | RESCOLL                             | RUE MAURICE MALLET             | 17303                  | ROCHEFORT CEDEX                  | FR                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD                                         | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS         | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM4-0005   | MACROSCOPIC AND MICROSCOPIC EXAMINATION OF FIBER REINFORCED PLASTICS                                                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS         | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                                                     | HIGH          | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS         | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME2602-09 | STANDARD TEST METHOD FOR THE ASSIGNMENT OF THE GLASS TRANSITION TEMPERATURE BY MODULATED TEMPERATURE DIFFERENTIAL SCANNING CALORIMETRY | HIGH          | AUTHORISED TO PROCEED | 31/01/2023      |                           |                                       |
| 296664              | RESCOLL                             | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC                           | FR                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60? BUNSEN BURNER TEST                                                       | LOW           | QUALIFIED             |                 |                           |                                       |
| 296664              | RESCOLL                             | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC                           | FR                    | AITM2-0038   | FLAMMABILITY OF NONMETALLIC HEAT SHRINKABLE TUBINGS - SMALL BURNER TEST 60? -                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 296664              | RESCOLL                             | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC                           | FR                    | AITM2-0008   | DETERMINATION OF THE OPTICAL SMOKE DENSITY OF ELECTRICAL AND NON-ELECTRICAL CABLE                                                      | HIGH          | AUTHORISED TO PROCEED | 30/11/2022      |                           |                                       |

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| 292690              | CANAGROSA LAB & SERVICES SL     | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                                                                | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL     | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM3-0036   | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                                                                                 | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 304742              | ALS CZECH REPUBLIC S.R.O.       | BENDLOVA 7                    | 470 01                 | ČESKA LIPA         | CZ                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                                                                 | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 304742              | ALS CZECH REPUBLIC S.R.O.       | BENDLOVA 7                    | 470 01                 | ČESKA LIPA         | CZ                    | AITM3-0035   | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                                                                                       | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 304742              | ALS CZECH REPUBLIC S.R.O.       | BENDLOVA 7                    | 470 01                 | ČESKA LIPA         | CZ                    | AITM3-0036   | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                                                                                 | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN             | DE                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR                                                  | HIGH          | QUALIFIED                  |                 |                                                                                            |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL     | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                                                                 | LOW           | QUALIFIED WITH LIMITATIONS |                 | Al (0,2 - 5,3 g/l) / Cu (0,01 - 1,10 g/l) / Dilution made in 1:50 Volumetric flask         |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH      | JULIUS-LEBERWEG 24            | 21684                  | STADE              | DE                    | EN2667-2     | STRUCTURAL ADHESIVES COMPRESSIVE TUBE SHEAR                                                                                                               | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO QUALIFIED FOR QVA-Z10-46-06 (RESTRICTED TO LEGACY PROGRAMS) / EN 2667-2 IS HISTORICAL |                                       |
| 310669              | LABORATORY TESTING INC          | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | SAEAMS2315   | DETERMINATION OF DELTA FERRITE CONTENT                                                                                                                    | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 310669              | LABORATORY TESTING INC          | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                           | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |
| 310669              | LABORATORY TESTING INC          | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED                  |                 |                                                                                            |                                       |

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| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | ASTME1941    | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS        | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | ASTME2371    | STANDARD TEST METHOD FOR ANALYSIS OF TITANIUM AND TITANIUM ALLOYS BY ATOMIC EMISSION PLASMA SPECTROMETRY | LOW           | QUALIFIED                  |                 | Al, B, Cu, Fe, Mn, Mo, Si, Sn, Y and Zr |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | ASTME34      | STANDARD TEST METHODS FOR CHEMICAL ANALYSIS OF ALUMINUM AND ALUMINUM-BASE ALLOYS                         | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS  | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | Without Elongation 5D                   |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                   | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                          | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | Without Elongation 5D                   |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                  | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                               | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE     | 19440                  | HATFIELD           | US                    | ASTMA262     | STANDARD PRACTICES FOR DETECTING SUSCEPTIBILITY TO INTERGRANULAR ATTACK IN AUSTENITIC STAINLESS STEELS   | LOW           | QUALIFIED                  |                 |                                         |                                       |

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| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                                                      | LOW           | QUALIFIED            |                 |                           |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                                            | LOW           | QUALIFIED            |                 |                           |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                                            | LOW           | QUALIFIED            |                 |                           |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTMG66      | STANDARD PRACTICE FOR VISUAL ASSESSMENT OF EXFOLIATION CORROSION SUSCEPTIBILITY OF 5XXX SERIES ALUMINUM ALLOYS (ASSET TEST)                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 310669              | LABORATORY TESTING INC | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTMG67      | STANDARD PRACTICE FOR DETERMINING SUSCEPTIBILITY TO INTERGRANULAR CORROSION RESISTANCE OF 5XXX SERIES ALUMINUM ALLOYS BY MASS LOSS AFTER EXPOSURE TO NITRIC ACID (NAMLT TEST) | LOW           | QUALIFIED            |                 |                           |                                       |
| 300083              | FUNDACION CARTIF       | PARQUE TECNOL DE BOECILLO 205 | 47151                  | BOECILLO           | ES                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                                                                                            | HIGH          | QUALIFIED            |                 |                           |                                       |
| 300083              | FUNDACION CARTIF       | PARQUE TECNOL DE BOECILLO 205 | 47151                  | BOECILLO           | ES                    | EN2331       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN AND FIBRE CONTENT AND MASS OF FIBRE PER UNIT AREA                        | LOW           | QUALIFIED            |                 |                           |                                       |

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| 300083              | FUNDACION CARTIF             | PARQUE TECNOL. DE BOECILLO 205 | 47151                  | BOECILLO                         | ES                    | EN2330       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE CONTENT OF VOLATILE MATTER                        | LOW           | QUALIFIED                  |                 |                              |                                       |
| 300083              | FUNDACION CARTIF             | PARQUE TECNOL. DE BOECILLO 205 | 47151                  | BOECILLO                         | ES                    | EN2329       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF MASS PER UNITA AREA                                   | LOW           | QUALIFIED                  |                 |                              |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15  | 41300                  | LA RINCONADA                     | ES                    | AITM3-0007   | DROP (REACTION ) TEST ON ALUMINIUM AND ALUMINIUM ALLOYS                                                                                          | LOW           | QUALIFIED                  |                 |                              |                                       |
| 305222              | GMA-WERKSTOFFPRUEFFUNG GMBH  | RIESWEG 151                    | 26316                  | VAREL                            | DE                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD | LOW           | QUALIFIED                  |                 |                              |                                       |
| 300083              | FUNDACION CARTIF             | PARQUE TECNOL. DE BOECILLO 205 | 47151                  | BOECILLO                         | ES                    | ISO2811-1    | PAINTS AND VARNISHES - DETERMINATION OF DENSITY - PART 1: PYKNOMETER METHOD                                                                      | LOW           | QUALIFIED                  |                 |                              |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS                                                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | Also according to ABT 1-0018 |                                       |
| 284559              | SKANDIA INC                  | 5000 N.HWY 251                 | 61020                  | DAVIS JUNCTION                   | US                    | AITM2-0006   | DETERMINATION OF HEAT RELEASE AND HEAT RELEASE RATE OF AIRCRAFT MATERIALS                                                                        | HIGH          | QUALIFIED                  |                 |                              |                                       |
| 284559              | SKANDIA INC                  | 5000 N.HWY 251                 | 61020                  | DAVIS JUNCTION                   | US                    | AITM2-0007   | DETERMINATION OF THE SPECIFIC OPTICAL SMOKE DENSITY OF COMPONENT PARTS OR SUB-ASSEMBLIES OF AIRCRAFT ASSEMBLIES                                  | HIGH          | AUTHORISED TO PROCEED      | 31/01/2023      |                              | 27/06/2022                            |
| 284559              | SKANDIA INC                  | 5000 N.HWY 251                 | 61020                  | DAVIS JUNCTION                   | US                    | AITM3-0005   | DETERMINATION OF SPECIFIC GAS COMPONENTS OF SMOKE GENERATED BY AIRCRAFT INTERIOR MATERIALS                                                       | HIGH          | AUTHORISED TO PROCEED      | 31/01/2023      |                              | 27/06/2022                            |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1  | 41309                  | LA RINCONADA                     | ES                    | EN2332       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN FLOW                                        | LOW           | QUALIFIED                  |                 |                              |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1  | 41309                  | LA RINCONADA                     | ES                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS                                                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | Restricted to method B       |                                       |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1  | 41309                  | LA RINCONADA       | ES                    | AITM4-0003   | TEST METHOD FOR DETERMINING THE PORE CONTENT OF FIBER REINFORCED PLASTICS USING AUTOMATIC IMAGE ANALYSIS                                 | HIGH          | QUALIFIED                  |                 |                                                                                                    |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1  | 41309                  | LA RINCONADA       | ES                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                 | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 304742              | ALS CZECH REPUBLIC S.R.O.    | BENDLOVA 7                     | 470 01                 | ČESKA LIPA         | CZ                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                                               | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 304742              | ALS CZECH REPUBLIC S.R.O.    | BENDLOVA 7                     | 470 01                 | ČESKA LIPA         | CZ                    | AITM3-0029   | DETERMINATION OF IRON (III) AS REACTIVE COMPOUND IN ACIDIC SURFACE TREATMENT BATHS                                                       | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | EN2558       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                                                   | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | EN2243-3     | STRUCTURAL ADHESIVES PEELING TEST METAL HONEYCOMB-CORE DRUM PEEL TEST                                                                    | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                    | 4900                   | LANGENTHAL         | CH                    | ISO105-B02   | TEXTILES - TESTS FOR COLOUR FASTNESS - PART B02: COLOUR FASTNESS TO ARTIFICIAL LIGHT: XENON ARC FADING LAMP TEST                         | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal testing needs / * Not possible to offer this test to external customers |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                    | 4900                   | LANGENTHAL         | CH                    | ISO105-E01   | TEXTILES - TESTS FOR COLOUR FASTNESS - PART E01: COLOUR FASTNESS TO WATER                                                                | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal testing needs / * Not possible to offer this test to external customers |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                    | 4900                   | LANGENTHAL         | CH                    | ISO13934-1   | TEXTILES - TENSILE PROPERTIES OF FABRICS - PART 1: DETERMINATION OF MAXIMUM FORCE AND ELONGATION AT MAXIMUM FORCE USING THE STRIP METHOD | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal testing needs / * Not possible to offer this test to external customers |                                       |
| 176634              | LANTAL TEXTILES AG           | DORFGASSE 5                    | 4900                   | LANGENTHAL         | CH                    | ISO5084      | TEXTILES - DETERMINATION OF THICKNESS OF TEXTILES AND TEXTILE PRODUCT                                                                    | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal testing needs / * Not possible to offer this test to external customers |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH  | WERFTSTR. 1                    | 26954                  | NORDENHAM          | DE                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                                          | LOW           | AUTHORISED TO PROCEED      | 31/03/2022      |                                                                                                    |                                       |



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| 305214              | GMA-WERKSTOFFFRUEFFUNG GMBH     | WERFTSTR. 1                    | 26954                  | NORDENHAM          | DE                    | EN2243-4     | STRUCTURAL ADHESIVES METAL-HONEYCOMB- CORE FLATWISE TENSILE TEST                                                                                          | LOW           | AUTHORISED TO PROCEED | 31/03/2022      |                           |                                       |
| 146561              | AIRBUS DEFENCE AND SPACE S.A.U. | AV JOHN LENNON S/N             | 28906                  | GETAFE             | ES                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST                                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 146561              | AIRBUS DEFENCE AND SPACE S.A.U. | AV JOHN LENNON S/N             | 28906                  | GETAFE             | ES                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                                                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 146561              | AIRBUS DEFENCE AND SPACE S.A.U. | AV JOHN LENNON S/N             | 28906                  | GETAFE             | ES                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45° BUNSEN BURNER TEST                                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 146561              | AIRBUS DEFENCE AND SPACE S.A.U. | AV JOHN LENNON S/N             | 28906                  | GETAFE             | ES                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60° BUNSEN BURNER TEST                                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 146561              | AIRBUS DEFENCE AND SPACE S.A.U. | AV JOHN LENNON S/N             | 28906                  | GETAFE             | ES                    | AITM2-0038   | FLAMMABILITY OF NONMETALLIC HEAT SHRINKABLE TUBINGS - SMALL BURNER TEST 60° -                                                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO    | MONTANANA PARCELAS R 60 R 61   | 09200                  | MIRANDA DE EBRO    | ES                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                                                    | LOW           | QUALIFIED             |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO    | MONTANANA PARCELAS R 60 R 61   | 09200                  | MIRANDA DE EBRO    | ES                    | EN2332       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN FLOW                                                 | LOW           | QUALIFIED             |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO    | MONTANANA PARCELAS R 60 R 61   | 09200                  | MIRANDA DE EBRO    | ES                    | EN2560       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN FLOW                                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY       | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTM1409     | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                           | LOW           | QUALIFIED             |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY       | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTM1447     | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED             |                 |                           |                                       |

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| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME1941    | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS                     | LOW           | QUALIFIED            |                 |                           | 29/03/2022                            |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTMF519     | STANDARD TEST METHOD FOR MECHANICAL HYDROGEN EMBRITTLEMENT EVALUATION OF PLATING/COATING PROCESSES AND SERVICE ENVIRONMENTS | LOW           | QUALIFIED            |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTMA262     | STANDARD PRACTICES FOR DETECTING SUSCEPTIBILITY TO INTERGRANULAR ATTACK IN AUSTENITIC STAINLESS STEELS                      | LOW           | QUALIFIED            |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 302737              | METAL IMPROVEMENT COMPANY | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |

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| 302737              | METAL IMPROVEMENT COMPANY       | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                   | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/12/2022      | WROUGHT STEEL                                                        | 25/04/2022                            |
| 302737              | METAL IMPROVEMENT COMPANY       | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                        | LOW           | QUALIFIED                              |                 |                                                                      |                                       |
| 302737              | METAL IMPROVEMENT COMPANY       | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                      | LOW           | QUALIFIED WITH LIMITATIONS             |                 | HRC ONLY                                                             |                                       |
| 302737              | METAL IMPROVEMENT COMPANY       | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | ASTME21      | STANDARD TEST METHODS FOR ELEVATED TEMPERATURE TENSION TESTS OF METALLIC MATERIALS                     | LOW           | QUALIFIED                              |                 |                                                                      |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH      | JULIUS-LEBER-WEG 24            | 21684                  | STADE              | DE                    | ASTMD2734    | STANDARD TEST METHOD FOR VOID CONTENT OF REINFORCED PLASTICS                                           | LOW           | QUALIFIED                              |                 |                                                                      |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH      | WERFTSTR. 1                    | 26954                  | NORDENHAM          | DE                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                         | LOW           | QUALIFIED                              |                 |                                                                      |                                       |
| 294826              | RESCOLL                         | RUE MAURICE MALLET             | 17303                  | ROCHEFORT CEDEX    | FR                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C | HIGH          | QUALIFIED                              |                 |                                                                      |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2             | 28279                  | BREMEN             | DE                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS         | LOW           | QUALIFIED WITH LIMITATIONS             |                 | Also according to QVA-Z10-46-12                                      |                                       |
| 306756              | ACCUFLEET TESTING SERVICES INC  | 1959 SOUTH STARPOINT DRIVE     | 77379                  | HOUSTON            | US                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST          | LOW           | AUTHORISED TO PROCEED                  | 30/11/2022      |                                                                      |                                       |
| 301462              | ETIM                            | ALLEE DU CHAFFAULT             | 44340                  | BOUGUENAI          | FR                    | AITM1-0008   | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD           | HIGH          | QUALIFIED WITH LIMITATIONS             |                 | *LIMITED TO TYPE: A1, A2, A3 (E-MODULUS DETERMINATION ONLY), B, C, D |                                       |
| 296664              | RESCOLL                         | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | AITM1-0002   | FIBRE REINFORCED PLASTICSDETERMINATION OF IN-PLANE-SHEAR PROPERTIES                                    | LOW           | QUALIFIED                              |                 |                                                                      |                                       |

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| 161203              | GACHES CHIMIE SPECIALITES       | 8 RUE LABOUCHE             | 31084                  | TOULOUSE CEDEX                   | FR                    | QVA-Z09-07-31 | DETERMINATION OF SULPHATE IN SURFACE TREATMENT BATHS                                                    | LOW           | QUALIFIED                  |                 |                                              |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT        | WIENER STR. 12             | 28359                  | BREMEN                           | DE                    | AITM2-0013    | DETERMINATION OF SEALANT ADHESION BY LINEAR DEBONDING TEST                                              | HIGH          | QUALIFIED                  |                 |                                              |                                       |
| 257831              | WESTMORELAND MECHANICAL         | 19 WILDMERE ROAD           | OX16 3JU               | BANBURY, OXON                    | GB                    | AITM1-0009    | FIBRE REINFORCED PLASTICS DETERMINATION OF BEARING STRENGTH BY EITHER PIN OR BOLT BEARING CONFIGURATION | HIGH          | QUALIFIED                  |                 |                                              |                                       |
| 260011              | UNIVERSITAT DE GIRONA           | CL PIC DE PEGUERA 15       | 17003                  | GIRONA                           | ES                    | AITM1-0010    | FIBRE REINFORCED PLASTICS DETERMINATION OF COMPRESSION STRENGTH AFTER IMPACT                            | HIGH          | QUALIFIED                  |                 |                                              |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7       | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0010    | FIBRE REINFORCED PLASTICS DETERMINATION OF COMPRESSION STRENGTH AFTER IMPACT                            | HIGH          | QUALIFIED                  |                 |                                              |                                       |
| 169755              | IMA MATERIALFORSCHUNG UND       | WILHELMINE-REICHARD-RING 4 | 01109                  | DRESDEN                          | DE                    | AITM1-0069    | FIBRE REINFORCED PLASTICS DETERMINATION OF CURVED-BEAM FAILURE LOAD                                     | HIGH          | QUALIFIED WITH LIMITATIONS |                 | *Limited to specimens below 10 mm thickness. |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2         | 28279                  | BREMEN                           | DE                    | EN2823        | FIBRE REINFORCED PLASTICS - DETERMINATION OF THE EFFECT OF EXPOSURE TO HUMID ATMOSPHERE                 | LOW           | QUALIFIED                  |                 |                                              |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2         | 28279                  | BREMEN                           | DE                    | EN2243-2      | STRUCTURAL ADHESIVES PEEL METAL-METAL FLOATING ROLLER                                                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | Also according to QVA-Z10-46-03              |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7       | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM2-0061    | WATER PICK UP TEST-METHOD TO DETERMINE THE IMPREGNATION LEVEL OF PREPEG MATERIALS                       | LOW           | QUALIFIED                  |                 |                                              |                                       |
| 296665              | LABORATOIRE ECCI                | 185 RUE DE BIELLE          | 64121                  | SERRES-CASTET CEDEX              | FR                    | ASTMF1110     | STANDARD TEST METHOD FOR SANDWICH CORROSION TEST                                                        | LOW           | QUALIFIED                  |                 |                                              |                                       |
| 296665              | LABORATOIRE ECCI                | 185 RUE DE BIELLE          | 64121                  | SERRES-CASTET CEDEX              | FR                    | ASTMF483      | STANDARD PRACTICE FOR TOTAL IMMERSION CORROSION TEST FOR AIRCRAFT MAINTENANCE CHEMICALS                 | LOW           | QUALIFIED                  |                 |                                              |                                       |

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| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM7-0003   | SEALANTS: DETERMINATION OF APPLICATION TOME OF SEALING MATERIALS                                                                                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | Methods A and B                     |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM1-0033   | SEALANTS: DETERMINATION OF THE CURING RATE OF SEALING MATERIALS                                                                                      | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | ISO868       | PLASTICS AND EBONITE - DETERMINATION OF INDENTATION HARDNESS BY MEANS OF A DUROMETER (SHORE HARDNESS)                                                | LOW           | QUALIFIED WITH LIMITATIONS |                 | Type A and D                        |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM2-0034   | SEALANTS: DETERMINATION OF TACK-FREE TIME OF SEALING MATERIALS                                                                                       | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | ISO2555      | PLASTICS ? RESINS IN THE LIQUID STATE OR AS EMULSIONS OR DISPERSIONS ? DETERMINATION OF APPARENT VISCOSITY BY THE BROOKFIELD TEST METHOD             | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | ASTMD2556    | STANDARD TEST METHOD FOR APPARENT VISCOSITY OF ADHESIVES HAVING SHEAR-RATE-DEPENDENT FLOW PROPERTIES                                                 | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM1-0036   | SEALANTS: DETERMINATION OF ASSEMBLY TIME                                                                                                             | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | AITM3-0025   | BESTIMMUNG DES FESTK? RPERGEHALTS                                                                                                                    | LOW           | QUALIFIED                  |                 |                                     |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | ISO2781      | RUBBER VULCANIZED OR THERMOPLASTIC - DETERMINATION OF DENSITY                                                                                        | LOW           | QUALIFIED WITH LIMITATIONS |                 | Method A                            |                                       |
| 298898              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD        | 44131                  | CLEVELAND          | US                    | ASTMB487     | TEST METHOD FOR MEASUREMENT OF METAL AND OXIDE COATING THICKNESSES BY MICROSCOPICAL EXAMINATION OF A CROSS-SECTION                                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | MICROSCOPIE NOT APPLIED ON FASTENER | 28/11/2022                            |
| 260011              | UNIVERSITAT DE GIRONA        | CL PIC DE PEGUERA 15         | 17003                  | GIRONA             | ES                    | ISO15024     | FIBRE-REINFORCED PLASTIC COMPOSITES - DETERMINATION OF MODE I INTERLAMINAR FRACTURE TOUGHNESS G<(INDEX)IC> FOR UNIDIRECTIONALLY REINFORCED MATERIALS | HIGH          | QUALIFIED                  |                 |                                     |                                       |

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| 260011              | UNIVERSITAT DE GIRONA        | CL PIC DE PEGUERA 15           | 17003                  | GIRONA              | ES                    | ISO25217     | ADHESIVES - DETERMINATION OF THE MODE I ADHESIVE FRACTURE ENERGY OF STRUCTURAL ADHESIVE JOINTS USING DOUBLE CANTILEVER BEAM AND TAPERED DOUBLE CANTILEVER BEAM SPECIMENS | HIGH          | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE    | 31770                  | COLOMIERS           | FR                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI             | 185 RUE DE BIELLE              | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | EN827        | ADHESIVES ? DETERMINATION OF CONVENTIONAL SOLIDS CONTENT AND CONSTANT MASS SOLIDS CONTENT                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | ISO11357-2   | PLASTICS ? DIFFERENTIAL SCANNING CALORIMETRY (DCS)/ PART 2 ? DETERMINATION OF GLASS TRANSITION                                                                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | ISO11357-3   | PLASTICS ? DIFFERENTIAL SCANNING CALORIMETRY (DCS)/ PART 3 ? DETERMINATION OF TEMPERATURE AND ENTHALPY OF MELTING AND CRYSTALLIZATION                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM2-0061   | WATER PICK UP TEST-METHOD TO DETERMINE THE IMPREGNATION LEVEL OF PREPEG MATERIALS                                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                                                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM3-0036   | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | AITM3-0037   | DETERMINATION OF PHOSPHORIC AND SULPHURIC ACID IN ANODIZING ELECTROLYTES                                                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |

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| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA        | ES                    | AITM1-0022   | WETTABILITY TEST                                                                                                            | LOW           | QUALIFIED                  |                 |                                                 |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA        | ES                    | AITM1-0032   | DETERMINATION OF NON HARDENING CHARACTERISTIC OF SEALANT                                                                    | LOW           | QUALIFIED                  |                 |                                                 |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA        | ES                    | AITM3-0015   | DETERMINATION OF PHOSPHORIC ACID CONTENT                                                                                    | LOW           | QUALIFIED                  |                 |                                                 |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA        | ES                    | ASTMD523     | STANDARD TEST METHOD FOR SPECULAR GLOSS                                                                                     | LOW           | QUALIFIED                  |                 |                                                 |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA        | ES                    | ASTMF519     | STANDARD TEST METHOD FOR MECHANICAL HYDROGEN EMBRITTLEMENT EVALUATION OF PLATING/COATING PROCESSES AND SERVICE ENVIRONMENTS | LOW           | QUALIFIED                  |                 |                                                 |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA        | ES                    | ISO4578      | ADHESIVES ? DETERMINATION OF PEEL RESISTANCE OF HIGH-STRENGTH ADHESIVE BONDS ? FLOATING ROLLER METHOD                       | LOW           | QUALIFIED                  |                 |                                                 |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA        | ES                    | ISO4587      | ADHESIVE ? DETERMINATION OF TENSILE LAP-SHEAR STRENGTH OF RIGID-TO-RIGID BONDED ASSEMBLIES                                  | LOW           | QUALIFIED                  |                 |                                                 |                                       |
| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)     | 45200                  | ILLESCAS            | ES                    | AITM2-0061   | WATER PICK UP TEST-METHOD TO DETERMINE THE IMPREGNATION LEVEL OF PREPEG MATERIALS                                           | LOW           | QUALIFIED                  |                 |                                                 |                                       |
| 296665              | LABORATOIRE ECCI             | 185 RUE DE BIELLE             | 64121                  | SERRES-CASTET CEDEX | FR                    | AITM5-0003   | DETERMINATION OF THE ABSENCE OF ATTACK BY STRESS CORROSION OF A LIQUID CLEANING AGENT                                       | LOW           | QUALIFIED                  |                 |                                                 |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT            | 44340                  | BOUGUENAI           | FR                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                                          | HIGH          | QUALIFIED WITH LIMITATIONS |                 | Restricted to TA Instruments DMA Q800 equipment |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES  | ZA DES BETHUNES               | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ASTME290     | STANDARD TEST METHODS FOR BEND TESTING OF MATERIAL FOR DUCTILITY                                                            | LOW           | QUALIFIED                  |                 |                                                 |                                       |

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| 147145              | BUREAU VERITAS LABORATOIRES | ZA DES BETHUNES                | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ISO5173      | DESTRUCTIVE TESTS ON WELDS IN METALLIC MATERIALS ?BEND TESTS                                                                                                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 294826              | RESCOLL                     | RUE MAURICE MALLET             | 17303                  | ROCHFORD CEDEX      | FR                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                                                                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 294826              | RESCOLL                     | RUE MAURICE MALLET             | 17303                  | ROCHFORD CEDEX      | FR                    | ISO6892      | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE | LOW           | QUALIFIED WITH LIMITATIONS |                 | PART 1                    |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET            | 90245                  | EL SEGUNDO          | US                    | AITM3-0035   | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                                                                                                        | LOW           | QUALIFIED                  |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET            | 90245                  | EL SEGUNDO          | US                    | AITM3-0036   | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                                                                                                  | LOW           | QUALIFIED                  |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET            | 90245                  | EL SEGUNDO          | US                    | ISO3696      | WATER FOR ANALYTICAL LABORATORY USE: SPECIFICATION AND TEST METHODS                                                                                                        | LOW           | QUALIFIED                  |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET            | 90245                  | EL SEGUNDO          | US                    | ISO4287      | GEOMETRICAL PRODUCT SPECIFICATION (GPS) - SURFACE TEXTURE: PROFILE METHOD - TERMS DEFINITIONS AND SURFACE TEXTURE PARAMETERS                                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET            | 90245                  | EL SEGUNDO          | US                    | ISO2812-1    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 1: IMMERSION IN LIQUIDS OTHER THAN WATER                                                              | LOW           | QUALIFIED                  |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET            | 90245                  | EL SEGUNDO          | US                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD                                                                             | LOW           | QUALIFIED                  |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET            | 90245                  | EL SEGUNDO          | US                    | ISO4288      | GEOMETRICAL PRODUCT SPECIFICATIONS (GPS) - SURFACE TEXTURE: PROFILE METHOD - RULES AND PROCEDURES FOR THE ASSESSMENT OF SURFACE TEXTURE                                    | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296664              | RESCOLL                     | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC              | FR                    | EN2243-4     | STRUCTURAL ADHESIVES METAL-HONEYCOMB- CORE FLATWISE TENSILE TEST                                                                                                           | LOW           | QUALIFIED                  |                 |                           |                                       |



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| 296664                 | RESCOLL                                      | 8 ALLEE<br>GEOFFROY SAINT<br>HILAIRE      | 33615                     | PESSAC                    | FR                       | ASTMC365     | STANDARD TEST METHOD FOR<br>FLATWISE COMPRESSIVE<br>PROPERTIES OF SANDWICH CORES                                                                                            | LOW              | QUALIFIED               |                    |                              |                                                |
| 296664                 | RESCOLL                                      | 8 ALLEE<br>GEOFFROY SAINT<br>HILAIRE      | 33615                     | PESSAC                    | FR                       | EN2243-1     | STRUCTURAL ADHESIVES SINGLE<br>LAP SHEAR                                                                                                                                    | LOW              | QUALIFIED               |                    |                              |                                                |
| 296664                 | RESCOLL                                      | 8 ALLEE<br>GEOFFROY SAINT<br>HILAIRE      | 33615                     | PESSAC                    | FR                       | ASTMD1781    | STANDARD TEST METHOD FOR<br>CLIMBING DRUM PEEL FOR<br>ADHESIVES                                                                                                             | LOW              | QUALIFIED               |                    |                              |                                                |
| 296664                 | RESCOLL                                      | 8 ALLEE<br>GEOFFROY SAINT<br>HILAIRE      | 33615                     | PESSAC                    | FR                       | EN2243-2     | STRUCTURAL ADHESIVES PEEL<br>METAL-METAL FLOATING ROLLER                                                                                                                    | LOW              | QUALIFIED               |                    |                              |                                                |
| 296664                 | RESCOLL                                      | 8 ALLEE<br>GEOFFROY SAINT<br>HILAIRE      | 33615                     | PESSAC                    | FR                       | ISO14125     | FIBER ? REINFORCED PLASTIC<br>COMPOSITES ? DETERMINATION OF<br>FLEXURAL PROPERTIES                                                                                          | LOW              | QUALIFIED               |                    |                              |                                                |
| 296664                 | RESCOLL                                      | 8 ALLEE<br>GEOFFROY SAINT<br>HILAIRE      | 33615                     | PESSAC                    | FR                       | ISO178       | PLASTICS ? DETERMINATION OF<br>FLEXURAL PROPERTIES                                                                                                                          | LOW              | QUALIFIED               |                    |                              |                                                |
| 300086                 | FUNDACION<br>TECNALIA<br>RESEARCH &<br>INNOV | PARQUE<br>TECNOLOGICO DE<br>SAN SEBASTIAN | 20009                     | DONOSTIA-SAN<br>SEBASTIAN | ES                       | ASTME112     | STANDARD TEST METHODS FOR<br>DETERMINING AVERAGE GRAIN SIZE                                                                                                                 | LOW              | QUALIFIED               |                    |                              |                                                |
| 300086                 | FUNDACION<br>TECNALIA<br>RESEARCH &<br>INNOV | PARQUE<br>TECNOLOGICO DE<br>SAN SEBASTIAN | 20009                     | DONOSTIA-SAN<br>SEBASTIAN | ES                       | ASTMF2111A   | STANDARD PRACTICE FOR<br>MEASURING INTERGRANULAR<br>ATTACK OR END GRAIN PITTING ON<br>METALS CAUSED BY AIRCRAFT<br>CHEMICAL PROCESSES                                       | LOW              | QUALIFIED               |                    |                              |                                                |
| 296664                 | RESCOLL                                      | 8 ALLEE<br>GEOFFROY SAINT<br>HILAIRE      | 33615                     | PESSAC                    | FR                       | AITM1-0019   | DETERMINATION OF TENSILE LAP<br>SHEAR STRENGTH OF COMPOSITE<br>JOINTS                                                                                                       | LOW              | QUALIFIED               |                    |                              |                                                |
| 298894                 | ANACHEM<br>LABORATORIES                      | 140 STANDARD<br>STREET                    | 90245                     | EL SEGUNDO                | US                       | ISO2360      | NON-CONDUCTIVE COATINGS ON<br>NON-MAGNETIC ELECTRICALLY<br>CONDUCTIVE BASIS MATERIALS -<br>MEASUREMENT OF COATING<br>THICKNESS - AMPLITUDE-SENSITIVE<br>EDDY CURRENT METHOD | LOW              | QUALIFIED               |                    |                              |                                                |
| 298894                 | ANACHEM<br>LABORATORIES                      | 140 STANDARD<br>STREET                    | 90245                     | EL SEGUNDO                | US                       | ISO2178      | NON-MAGNETIC COATINGS ON<br>MAGNETIC SUBSTRATES;<br>MEASUREMENT OF COATING<br>THICKNESS; MAGNETIC METHOD                                                                    | LOW              | QUALIFIED               |                    |                              |                                                |

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| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET            | 90245                  | EL SEGUNDO                       | US                    | ISO1463      | MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE                                                               | LOW           | QUALIFIED                              |                 |                                         |                                       |
| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET            | 90245                  | EL SEGUNDO                       | US                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                                 | LOW           | QUALIFIED                              |                 |                                         |                                       |
| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET            | 90245                  | EL SEGUNDO                       | US                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                  | LOW           | QUALIFIED                              |                 |                                         |                                       |
| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET            | 90245                  | EL SEGUNDO                       | US                    | ISO1519      | PAINTS AND VARNISHES - BEND TEST (CYLINDRICAL MANDREL)                                                                 | LOW           | QUALIFIED                              |                 |                                         |                                       |
| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET            | 90245                  | EL SEGUNDO                       | US                    | AITM3-0029   | DETERMINATION OF IRON (III) AS REACTIVE COMPOUND IN ACIDIC SURFACE TREATMENT BATHS                                     | LOW           | QUALIFIED                              |                 |                                         |                                       |
| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET            | 90245                  | EL SEGUNDO                       | US                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                             | LOW           | QUALIFIED                              |                 |                                         |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0036   | SEALANTS: DETERMINATION OF ASSEMBLY TIME                                                                               | LOW           | QUALIFIED                              |                 |                                         |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1  | 41309                  | LA RINCONADA                     | ES                    | AITM1-0042   | DETERMINATION OF FATIGUE CRACK GROWTH RATES FOR CLAD SHEET AND CLAD PLATE UP TO 12 MM IN CONSTANT-LOAD-AMPLITUDE TESTS | HIGH          | QUALIFIED WITH LIMITATIONS             |                 | Restricted to specimens of the type CT. |                                       |
| 150147              | CRITT MATERIAUX INNOVATION   | 9 RUE CLAUDE CHRETIEN          | 08000                  | CHARLEVILLE MEZIERES             | FR                    | ASTMA262     | STANDARD PRACTICES FOR DETECTING SUSCEPTIBILITY TO INTERGRANULAR ATTACK IN AUSTENITIC STAINLESS STEELS                 | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | ONLY METHODS A AND E                    | 25/11/2022                            |
| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)      | 45200                  | ILLESCAS                         | ES                    | EN2377       | GLASS FIBRE REINFORCED PLASTICS; TEST METHOD: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                    | LOW           | QUALIFIED                              |                 |                                         |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC                           | FR                    | ASTMC363     | STANDARD TEST METHOD FOR NODE TENSILE STRENGTH OF HONEYCOMB CORE MATERIALS                                             | LOW           | QUALIFIED                              |                 |                                         |                                       |

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| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE  | 33615                  | PESSAC                           | FR                    | ASTMC393      | STANDARD TEST METHOD FOR CORE SHEAR PROPERTIES OF SANDWICH CONSTRUCTIONS BY BEAM FLEXURE                                                                                     | LOW           | QUALIFIED                  |                 |                                                        |                                       |
| 298999              | SYSTEMES PRODUITS ANALYSES   | 59 RUE DU MARECHAL LECLERC      | 28110                  | LUCE                             | FR                    | AITM3-0034    | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                                                                                   | LOW           | QUALIFIED                  |                 |                                                        |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD    | SOUTH STREET                    | BD21 1EG               | KEIGHLEY                         | GB                    | ISO6892       | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE   | LOW           | QUALIFIED WITH LIMITATIONS |                 | ROOM TEMPERATURE ONLY / 100KN AND 400KN EQUIPMENT ONLY |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7            | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0007    | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD                                                                                      | LOW           | QUALIFIED                  |                 |                                                        |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE  | 33615                  | PESSAC                           | FR                    | ISO844        | RIGID CELLULAR PLASTICS - DETERMINATION OF COMPRESSION PROPERTIES                                                                                                            | LOW           | QUALIFIED                  |                 |                                                        |                                       |
| 294826              | RESCOLL                      | RUE MAURICE MALLET              | 17303                  | ROCHEFORT CEDEX                  | FR                    | ISO604        | PLASTICS ? DETERMINATION OF COMPRESSIVE PROPERTIES                                                                                                                           | LOW           | QUALIFIED                  |                 |                                                        |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE     | 31770                  | COLOMIERS                        | FR                    | ISO4287       | GEOMETRICAL PRODUCT SPECIFICATION (GPS) - SURFACE TEXTURE: PROFILE METHOD - TERMS DEFINITIONS AND SURFACE TEXTURE PARAMETERS                                                 | LOW           | QUALIFIED                  |                 |                                                        |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE  | 33615                  | PESSAC                           | FR                    | ISO604        | PLASTICS ? DETERMINATION OF COMPRESSIVE PROPERTIES                                                                                                                           | LOW           | QUALIFIED                  |                 |                                                        |                                       |
| 276086              | 2MATECH                      | 19 AVENUE BLAISE PASCAL         | 63173                  | AUBIERE                          | FR                    | EN2716        | TEST METHOD - DETERMINATION OF SUSCEPTIBILITY TO INTERGRANULAR CORROSION - WROUGHT ALUMINIUM ALLOY PRODUCTS - AL-P2XXX- SERIES AL-P7XXX- SERIES AND ALUMINIUM-LITHIUM ALLOYS | LOW           | QUALIFIED                  |                 |                                                        |                                       |
| 300081              | AEROTECH LABORATORIES LTD    | UNIT 20 MERCIA BUSINESS VILLAGE | CV4 8HX                | COVENTRY                         | GB                    | AITM3-0038    | DETERMINATION OF NON-VOLATILE-RESIDUE                                                                                                                                        | LOW           | QUALIFIED                  |                 |                                                        |                                       |
| 300085              | ERGO UMWELTINSTITUT GMBH     | LAUENSTEINER STR. 42            | 01277                  | DRESDEN                          | DE                    | QVA-Z09-23-00 | DETERMINATION OF THE SPECIFIC CONDUCTIVITY IN AQUEOUS MEDIA                                                                                                                  | LOW           | QUALIFIED                  |                 |                                                        | 14/03/2022                            |

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| 300085              | ERGO UMWELTINSTITUT GMBH     | LAUENSTEINER STR. 42        | 01277                  | DRESDEN             | DE                    | QVA-Z09-20-00 | DETERMINATION OF WATER HARDNESS                                                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                    | 14/03/2022                            |
| 300085              | ERGO UMWELTINSTITUT GMBH     | LAUENSTEINER STR. 42        | 01277                  | DRESDEN             | DE                    | QVA-Z09-07-31 | DETERMINATION OF SULPHATE IN SURFACE TREATMENT BATHS                                                                                                                       | LOW           | QUALIFIED                  |                 |                                                                    | 14/03/2022                            |
| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET         | 90245                  | EL SEGUNDO          | US                    | ASTMD2240     | STANDARD TEST METHOD FOR RUBBER PROPERTY ? DUROMETER HARDNESS                                                                                                              | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET         | 90245                  | EL SEGUNDO          | US                    | ASTMD3359     | MEASURING ADHESION BY TAPE TEST                                                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS           | FR                    | ISO4288       | GEOMETRICAL PRODUCT SPECIFICATIONS (GPS) - SURFACE TEXTURE: PROFILE METHOD - RULES AND PROCEDURES FOR THE ASSESSMENT OF SURFACE TEXTURE                                    | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 296665              | LABORATOIRE ECCI             | 185 RUE DE BIELLE           | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTMF2111A    | STANDARD PRACTICE FOR MEASURING INTERGRANULAR ATTACK OR END GRAIN PITTING ON METALS CAUSED BY AIRCRAFT CHEMICAL PROCESSES                                                  | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 310645              | AZTERLAN                     | 6 ALIENDALDE                | 48200                  | DURANGO             | ES                    | ISO6892       | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE | LOW           | QUALIFIED WITH LIMITATIONS |                 | RESTRICTED TO PART 1 / WITHOUT REDUCTION OF AREA & YOUNG'S MODULUS |                                       |
| 310645              | AZTERLAN                     | 6 ALIENDALDE                | 48200                  | DURANGO             | ES                    | ISO6506       | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                                 | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 310645              | AZTERLAN                     | 6 ALIENDALDE                | 48200                  | DURANGO             | ES                    | ISO6507       | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                                 | LOW           | AUTHORISED TO PROCEED      | 31/10/2022      |                                                                    | 06/10/2022                            |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT          | 44340                  | BOUGUENAI           | FR                    | ASTME2602-09  | STANDARD TEST METHOD FOR THE ASSIGNMENT OF THE GLASS TRANSITION TEMPERATURE BY MODULATED TEMPERATURE DIFFERENTIAL SCANNING CALORIMETRY                                     | HIGH          | AUTHORISED TO PROCEED      | 31/01/2022      | Limited to Q200-1600 machine                                       |                                       |
| 305773              | CETIM MAROC                  | MAROCAEROPOLE DE NOUASSE    | 20000                  | CASABLANCA          | MA                    | ASTME1447     | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD                  | LOW           | QUALIFIED                  |                 |                                                                    |                                       |

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| 298894              | ANACHEM LABORATORIES            | 140 STANDARD STREET            | 90245                  | EL SEGUNDO                       | US                    | ASTMD1125    | STANDARD TEST METHODS FOR ELECTRICAL CONDUCTIVITY AND RESISTIVITY OF WATER                                                                                                                               | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2             | 28279                  | BREMEN                           | DE                    | ISO178       | PLASTICS ? DETERMINATION OF FLEXURAL PROPERTIES                                                                                                                                                          | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2             | 28279                  | BREMEN                           | DE                    | ISO604       | PLASTICS ? DETERMINATION OF COMPRESSIVE PROPERTIES                                                                                                                                                       | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2             | 28279                  | BREMEN                           | DE                    | ISO527-4     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 4: TEST CONDITIONS FOR ISOTROPIC AND ORTHOTROPIC FIBER REINFORCED PLASTIC COMPOSITES                                                               | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 298894              | ANACHEM LABORATORIES            | 140 STANDARD STREET            | 90245                  | EL SEGUNDO                       | US                    | ISO4628-2    | PAINTS AND VARNISHES - EVALUATION OF DEGRADATION OF COATINGS; DESIGNATION OF QUANTITY AND SIZE OF DEFECTS AND OF INTENSITY OF UNIFORM CHANGES IN APPEARANCE - PART 2: ASSESSMENT OF DEGREE OF BLISTERING | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 298894              | ANACHEM LABORATORIES            | 140 STANDARD STREET            | 90245                  | EL SEGUNDO                       | US                    | ISO1518      | PAINTS AND VARNISHES; SCRATCH TEST                                                                                                                                                                       | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM4-0003   | TEST METHOD FOR DETERMINING THE PORE CONTENT OF FIBER REINFORCED PLASTICS USING AUTOMATIC IMAGE ANALYSIS                                                                                                 | HIGH          | QUALIFIED                  |                 |                                    |                                       |
| 296664              | RESCOLL                         | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC                           | FR                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                                                                                                                              | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR                                                                                                 | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ***Limited to type B test piece*** |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0002   | FIBRE REINFORCED PLASTICSDETERMINATION OF IN-PLANE-SHEAR PROPERTIES                                                                                                                                      | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 301462              | ETIM                            | ALLEE DU CHAFFAULT             | 44340                  | BOUGUENAI                        | FR                    | EN2747       | GLASS FIBRE REINFORCED PLASTICS TENSILE TEST                                                                                                                                                             | LOW           | QUALIFIED                  |                 |                                    |                                       |

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| 161203              | GACHES CHIMIE SPECIALITES    | 8 RUE LABOUCHE                | 31084                  | TOULOUSE CEDEX     | FR                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                                | LOW           | QUALIFIED                  |                 |                             |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT            | 44340                  | BOUGUENAIS         | FR                    | AITM2-0061   | WATER PICK UP TEST-METHOD TO DETERMINE THE IMPREGNATION LEVEL OF PREPEG MATERIALS                                         | LOW           | QUALIFIED                  |                 |                             |                                       |
| 312060              | ACEM.S.L.                    | CL ARBOLEDA N14 LOCAL 114     | 28031                  | MADRID             | ES                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                    | LOW           | QUALIFIED                  |                 | Also according to I+D-E 31  |                                       |
| 312060              | ACEM.S.L.                    | CL ARBOLEDA N14 LOCAL 114     | 28031                  | MADRID             | ES                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                                               | LOW           | QUALIFIED                  |                 | Also according to I+D-E 246 |                                       |
| 312060              | ACEM.S.L.                    | CL ARBOLEDA N14 LOCAL 114     | 28031                  | MADRID             | ES                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                | LOW           | QUALIFIED                  |                 |                             |                                       |
| 312060              | ACEM.S.L.                    | CL ARBOLEDA N14 LOCAL 114     | 28031                  | MADRID             | ES                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                | LOW           | QUALIFIED                  |                 |                             |                                       |
| 312060              | ACEM.S.L.                    | CL ARBOLEDA N14 LOCAL 114     | 28031                  | MADRID             | ES                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                               | LOW           | QUALIFIED                  |                 |                             |                                       |
| 312060              | ACEM.S.L.                    | CL ARBOLEDA N14 LOCAL 114     | 28031                  | MADRID             | ES                    | AITM4-0005   | MACROSCOPIC AND MICROSCOPIC EXAMINATION OF FIBER REINFORCED PLASTICS                                                      | LOW           | QUALIFIED                  |                 |                             |                                       |
| 312060              | ACEM.S.L.                    | CL ARBOLEDA N14 LOCAL 114     | 28031                  | MADRID             | ES                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                           | LOW           | QUALIFIED WITH LIMITATIONS |                 | Without Reduction of Area   |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE   | 31770                  | COLOMIERS          | FR                    | ASTMF2111A   | STANDARD PRACTICE FOR MEASURING INTERGRANULAR ATTACK OR END GRAIN PITTING ON METALS CAUSED BY AIRCRAFT CHEMICAL PROCESSES | LOW           | QUALIFIED                  |                 |                             |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION         | LOW           | QUALIFIED WITH LIMITATIONS |                 | Method A                    |                                       |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY    | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA                     | ES                    | EN2823       | FIBRE REINFORCED PLASTICS - DETERMINATION OF THE EFFECT OF EXPOSURE TO HUMID ATMOSPHERE                                                         | LOW           | QUALIFIED             |                 |                           |                                       |
| 197093              | SGS FRANCE TRANSPORTATION       | CHEMIN DE MARTICOT            | 33611                  | CESTAS CEDEX                     | FR                    | ISO1518      | PAINTS AND VARNISHES; SCRATCH TEST                                                                                                              | LOW           | QUALIFIED             |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY    | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA                     | ES                    | AITM1-0070   | SURFACE ROUGHNESS MEASUREMENTS USING SURFACE STYLUS METHODS                                                                                     | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7          | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2667-2     | STRUCTURAL ADHESIVES COMPRESSIVE TUBE SHEAR                                                                                                     | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7          | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2823       | FIBRE REINFORCED PLASTICS - DETERMINATION OF THE EFFECT OF EXPOSURE TO HUMID ATMOSPHERE                                                         | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7          | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION       | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7          | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2555      | PLASTICS ? RESINS IN THE LIQUID STATE OR AS EMULSIONS OR DISPERSIONS ? DETERMINATION OF APPARENT VISCOSITY BY THE BROOKFIELD TEST METHOD        | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS     | CR DE SANLUCAR KM. 7          | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN542        | ADHESIVES - DETERMINATION OF DENSITY                                                                                                            | LOW           | QUALIFIED             |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN                           | DE                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                                                              | HIGH          | AUTHORISED TO PROCEED | 31/01/2023      |                           | 15/09/2022                            |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN                           | DE                    | AITM3-0027   | DETERMINATION OF THE MELTING BEHAVIOUR AND THE EXTENT OF CRYSTALLINITY OF SEMI-CRYSTALLINE MATERIALS BY DIFFERENTIAL SCANNING CALORIMETRY (DSC) | HIGH          | QUALIFIED             |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN                           | DE                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                                                                        | HIGH          | AUTHORISED TO PROCEED | 09/12/2022      |                           | 09/11/2022                            |

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| 296664              | RESCOLL            | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | ISO4578      | ADHESIVES ? DETERMINATION OF PEEL RESISTANCE OF HIGH-STRENGTH ADHESIVE BONDS ? FLOATING ROLLER METHOD                     | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 294826              | RESCOLL            | RUE MAURICE MALLET             | 17303                  | ROCHFORD CEDEX     | FR                    | ASTME643     | STANDARD TEST METHOD FOR BALL PUNCH DEFORMATION OF METALLIC SHEET MATERIAL                                                | NA            | QUALIFIED                  |                 |                                                                    |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI           | CN                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR                  | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ***LIMITED TO TYPE B TEST PIECE***<br>BONDING PROCESS NOT INCLUDED |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI           | CN                    | ASTMD790     | STANDARD TEST METHODS FOR FLEXURAL PROPERTIES OF UNREINFORCED AND REINFORCED PLASTICS AND ELECTRICAL INSULATING MATERIALS | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI           | CN                    | EN2377       | GLASS FIBRE REINFORCED PLASTICS; TEST METHOD: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGHT                       | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI           | CN                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                                                | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI           | CN                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                    | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI           | CN                    | AITM1-0005   | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I                                  | HIGH          | QUALIFIED                  |                 |                                                                    |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI           | CN                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C                    | HIGH          | QUALIFIED                  |                 |                                                                    |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI           | CN                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                           | LOW           | QUALIFIED                  |                 |                                                                    |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI           | CN                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                                                                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | BONDING PROCESS NOT INCLUDED                                       | 07/09/2022                            |



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| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | AITM1-0002   | FIBRE REINFORCED PLASTICS DETERMINATION OF IN-PLANE-SHEAR PROPERTIES                                                                                                       | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                                                                                  | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | EN2597       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PERPENDICULAR TO THE FIBRE DIRECTION                                                                                         | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | EN2747       | GLASS FIBRE REINFORCED PLASTICS TENSILE TEST                                                                                                                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                                                                                         | HIGH          | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                                                                | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                                                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | INCLUDING ASTM B557       | 01/09/2022                            |
| 311578              | APPLUS SHANGHAI    | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI           | CN                    | ISO6892      | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE | LOW           | QUALIFIED                  |                 |                           |                                       |

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| 311578              | APPLUS SHANGHAI              | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI             | CN                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                       | LOW           | QUALIFIED                  |                 |                                               |                                       |
| 311578              | APPLUS SHANGHAI              | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI             | CN                    | ASTMD638     | STANDARD TEST METHOD FOR TENSILE PROPERTIES OF PLASTICS                                                        | LOW           | QUALIFIED WITH LIMITATIONS |                 | RESIN PROCESS NOT INCLUDED                    | 07/09/2022                            |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE     | 91010                  | DUARTE               | US                    | AITM1-0003   | DETERMINATION OF THE GLASS TRANSITION TEMPERATURES                                                             | HIGH          | QUALIFIED                  |                 |                                               |                                       |
| 150147              | CRITT MATERIAUX INNOVATION   | 9 RUE CLAUDE CHRETIEN          | 08000                  | CHARLEVILLE MEZIERES | FR                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                               | 25/11/2022                            |
| 311578              | APPLUS SHANGHAI              | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI             | CN                    | EN6072       | CONSTANT AMPLITUDE FATIGUE TESTING                                                                             | HIGH          | QUALIFIED                  |                 |                                               | 04/11/2022                            |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD          | 44131                  | CLEVELAND            | US                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                | LOW           | QUALIFIED                  |                 |                                               | 21/11/2022                            |
| 300085              | ERGO UMWELTINSTITUT GMBH     | LAUENSTEINER STR. 42           | 01277                  | DRESDEN              | DE                    | AITM3-0038   | DETERMINATION OF NON-VOLATILE-RESIDUE                                                                          | LOW           | QUALIFIED                  |                 |                                               | 14/03/2022                            |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1  | 41309                  | LA RINCONADA         | ES                    | AITM1-0010   | FIBRE REINFORCED PLASTICS DETERMINATION OF COMPRESSION STRENGTH AFTER IMPACT                                   | HIGH          | QUALIFIED                  |                 |                                               |                                       |
| 310645              | AZTERLAN                     | 6 ALIENDALDE                   | 48200                  | DURANGO              | ES                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                | LOW           | QUALIFIED WITH LIMITATIONS |                 | WITHOUT REDUCTION OF AREA & YOUNG'S MODULUS   |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC               | FR                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA | LOW           | QUALIFIED                  |                 |                                               |                                       |
| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)      | 45200                  | ILLESCAS             | ES                    | EN2243-3     | STRUCTURAL ADHESIVES PEELING TEST METAL HONEYCOMB-CORE DRUM PEEL TEST                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO QVA-Z10 46 05 AND I+D-E-130 |                                       |

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| 147145              | BUREAU VERITAS LABORATOIRES  | ZA DES BETHUNES                | 95310                  | SAINT-OUEN L'AUMONE              | FR                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD                                                | LOW           | QUALIFIED                  |                 |                           |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES  | ZA DES BETHUNES                | 95310                  | SAINT-OUEN L'AUMONE              | FR                    | ISO17639     | DESTRUCTIVE TESTS ON WELDS IN METALLIC MATERIALS - MACROSCOPIC AND MICROSCOPIC EXAMINATION OF WELDS                                                                                                      | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI             | 185 RUE DE BIELLE              | 64121                  | SERRES-CASTET CEDEX              | FR                    | ISO6892      | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE                               | LOW           | QUALIFIED WITH LIMITATIONS |                 | PART 1 ONLY               |                                       |
| 296665              | LABORATOIRE ECCI             | 185 RUE DE BIELLE              | 64121                  | SERRES-CASTET CEDEX              | FR                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                                                                                              | LOW           | QUALIFIED                  |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC                           | FR                    | AITM3-0017   | GAS CHROMATOGRAPHY (GC)                                                                                                                                                                                  | LOW           | QUALIFIED                  |                 |                           |                                       |
| 197093              | SGS FRANCE TRANSPORTATION    | CHEMIN DE MARTICOT             | 33611                  | CESTAS CEDEX                     | FR                    | ISO4628-2    | PAINTS AND VARNISHES - EVALUATION OF DEGRADATION OF COATINGS; DESIGNATION OF QUANTITY AND SIZE OF DEFECTS AND OF INTENSITY OF UNIFORM CHANGES IN APPEARANCE - PART 2: ASSESSMENT OF DEGREE OF BLISTERING | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2106      | ANODIZING OF ALUMINIUM AND ITS ALLOYS ? DETERMINATION OF MASS PER UNIT AREA (SURFACE DENSITY) OF ANODIC OXIDATION COATINGS ? GRAVIMETRIC METHOD                                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7           | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0024   | DETERMINATION OF THE COMPLETENESS OF CURE OF ORGANIC COATINGS                                                                                                                                            | LOW           | QUALIFIED                  |                 |                           |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT             | 44340                  | BOUGUENAI                        | FR                    | AITM3-0001   | ANALYSIS OF THERMOSET SYSTEMS BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHIE                                                                                                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI              | 3999 XIU PU RD NAN HUI         | 201315                 | SHANGHAI                         | CN                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                                                                                                                           | HIGH          | QUALIFIED                  |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1  | 41309                  | LA RINCONADA                     | ES                    | ASTMC273     | STANDARD TEST METHOD FOR SHEAR PROPERTIES OF SANDWICH CORE MATERIALS                                                                                                                                     | LOW           | QUALIFIED                  |                 |                           |                                       |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTMC363     | STANDARD TEST METHOD FOR NODE TENSILE STRENGTH OF HONEYCOMB CORE MATERIALS                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTMC365     | STANDARD TEST METHOD FOR FLATWISE COMPRESSIVE PROPERTIES OF SANDWICH CORES                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTMC393     | STANDARD TEST METHOD FOR CORE SHEAR PROPERTIES OF SANDWICH CONSTRUCTIONS BY BEAM FLEXURE                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTMD1781    | STANDARD TEST METHOD FOR CLIMBING DRUM PEEL FOR ADHESIVES                                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO604       | PLASTICS ? DETERMINATION OF COMPRESSIVE PROPERTIES                                                                                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO527-2     | PLASTICS; DETERMINATION OF TENSILE PROPERTIES; PART 2: TEST CONDITIONS FOR MOULDING AND EXTRUSION PLASTICS                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO527-4     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 4: TEST CONDITIONS FOR ISOTROPIC AND ORTHOTROPIC FIBER REINFORCED PLASTIC COMPOSITES | LOW           | QUALIFIED            |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM1-0066   | FIBRE REINFORCED PLASTICS - DETERMINATION OF PULL-OUT/ PULL-THROUGH STRENGTH ON RIVETED JOINTS                                             | LOW           | QUALIFIED            |                 |                           |                                       |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY     | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA                     | ES                    | AITM1-0067   | DETERMINATION OF TENSION THROUGH THE HOLE STRENGTH ON FASTENED JOINTS                                                                     | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 310645              | AZTERLAN                         | 6 ALIENDALDE                  | 48200                  | DURANGO                          | ES                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                               | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 306790              | APPLUS ILLESCAS                  | CL HISTORIA (NAVES 7 Y 8)     | 45200                  | ILLESCAS                         | ES                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT         | WIENER STR. 12                | 28359                  | BREMEN                           | DE                    | EN3665       | TEST METHODS FOR PAINTS AND VARNISHES - FILIFORM CORROSION RESISTANCE TEST ON ALUMINIUM ALLOYS                                            | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 276098              | WESTMORELAND MECANICAL TESTING & | 221 WESTMORELAND DRIVE        | 15696                  | YOUNGSTOWN                       | US                    | ASTME1941    | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS                                         | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 276098              | WESTMORELAND MECANICAL TESTING & | 221 WESTMORELAND DRIVE        | 15696                  | YOUNGSTOWN                       | US                    | ASTME2371    | STANDARD TEST METHOD FOR ANALYSIS OF TITANIUM AND TITANIUM ALLOYS BY ATOMIC EMISSION PLASMA SPECTROMETRY                                  | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 290825              | BUREAU VERITAS LABORATOIRES      | 31 AVENUE GUSTAVE EIFFEL      | 33600                  | PESSAC                           | FR                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                | LOW           | QUALIFIED WITH LIMITATIONS |                 | VICKERS MICROHARDNESS ONLY         |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY     | 3 AVENUE ANDRE MARIE AMPERE   | 31770                  | COLOMIERS                        | FR                    | ASTME111     | STANDARD TEST METHOD FOR YOUNG'S MODULUS TANGENT MODULUS AND CHORD MODULUS                                                                | HIGH          | AUTHORISED TO PROCEED      | 31/12/2021      |                                    |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS      | CR DE SANLUCAR KM. 7          | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0008   | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD                                              | HIGH          | QUALIFIED WITH LIMITATIONS |                 | *Limited to type A1, A2, B, C, & D |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY     | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA                     | ES                    | AITM1-0030   | SEALANTS: DETERMINATION OF LAP SHEAR STRENGTH                                                                                             | LOW           | QUALIFIED                  |                 |                                    |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY     | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA                     | ES                    | AITM2-0061   | WATER PICK UP TEST-METHOD TO DETERMINE THE IMPREGNATION LEVEL OF PREPEG MATERIALS                                                         | LOW           | QUALIFIED                  |                 |                                    |                                       |

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| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH          | JULIUS-LEBERWEG 24   | 21684                  | STADE               | DE                    | ISO14130     | FIBRE REINFORCED PLASTIC COMPOSITES: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH BY SHORT BEAM METHOD           | LOW           | QUALIFIED            |                 |                           |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN               | CZ                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN               | CZ                    | ASTME930     | STANDARD TEST METHODS FOR ESTIMATING THE LARGEST GRAIN OBSERVED IN A METALLOGRAPHIC SECTION (ALA GRAIN SIZE)              | LOW           | QUALIFIED            |                 |                           |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN               | CZ                    | ASTME1181    | STANDARD TEST METHODS FOR CHARACTERIZING DUPLEX GRAIN SIZES                                                               | LOW           | QUALIFIED            |                 |                           |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN               | CZ                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 301462              | ETIM                                | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI           | FR                    | ISO4578      | ADHESIVES ? DETERMINATION OF PEEL RESISTANCE OF HIGH-STRENGTH ADHESIVE BONDS ? FLOATING ROLLER METHOD                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES         | ZA DES BETHUNES      | 95310                  | SAINT-OUEN L'AUMONE | FR                    | EN2003-10    | AEROSPACE SERIES - TITANIUM AND TITANIUM ALLOYS - TEST METHODS - PART 010: SAMPLING FOR DETERMINATION OF HYDROGEN CONTENT | LOW           | QUALIFIED            |                 |                           |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES         | ZA DES BETHUNES      | 95310                  | SAINT-OUEN L'AUMONE | FR                    | EN3976       | TITANIUM AND TITANIUM ALLOYS - CHEMICAL ANALYSIS FOR THE DETERMINATION OF HYDROGENCONTENT.                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES         | ZA DES BETHUNES      | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ISO3887      | STEELS NON-ALLOY AND LOW-ALLOY - DETERMINATION OF DEPTH OF DECARBURIZATION                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 301462              | ETIM                                | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI           | FR                    | ISO14125     | FIBER ? REINFORCED PLASTIC COMPOSITES ? DETERMINATION OF FLEXURAL PROPERTIES                                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 301462              | ETIM                                | ALLEE DU CHAFFAULT   | 44340                  | BOUGUENAI           | FR                    | ISO178       | PLASTICS ? DETERMINATION OF FLEXURAL PROPERTIES                                                                           | LOW           | QUALIFIED            |                 |                           |                                       |

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| 301462              | ETIM                         | ALLEE DU CHAFFAULT             | 44340                  | BOUGUENAI          | FR                    | ISO527-2     | PLASTICS; DETERMINATION OF TENSILE PROPERTIES; PART 2: TEST CONDITIONS FOR MOULDING AND EXTRUSION PLASTICS                                 | LOW           | QUALIFIED             |                 |                           |                                       |
| 301462              | ETIM                         | ALLEE DU CHAFFAULT             | 44340                  | BOUGUENAI          | FR                    | ISO527-4     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 4: TEST CONDITIONS FOR ISOTROPIC AND ORTHOTROPIC FIBER REINFORCED PLASTIC COMPOSITES | LOW           | QUALIFIED             |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1  | 41309                  | LA RINCONADA       | ES                    | ASTMD732     | STANDARD TEST METHOD FOR SHEAR STRENGTH OF PLASTICS BY PUNCH TOOL                                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 161203              | GACHES CHIMIE SPECIALITES    | 8 RUE LABOUCHE                 | 31084                  | TOULOUSE CEDEX     | FR                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 296664              | RESCOLL                      | 8 ALLEE GEOFFROY SAINT HILAIRE | 33615                  | PESSAC             | FR                    | ISO4587      | ADHESIVE ? DETERMINATION OF TENSILE LAP-SHEAR STRENGTH OF RIGID-TO-RIGID BONDED ASSEMBLIES                                                 | LOW           | QUALIFIED             |                 |                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61   | 09200                  | MIRANDA DE EBRO    | ES                    | AITM2-0061   | WATER PICK UP TEST-METHOD TO DETERMINE THE IMPREGNATION LEVEL OF PREPEG MATERIALS                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 197093              | SGS FRANCE TRANSPORTATION    | CHEMIN DE MARTICOT             | 33611                  | CESTAS CEDEX       | FR                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET            | 90245                  | EL SEGUNDO         | US                    | AITM1-0024   | DETERMINATION OF THE COMPLETENESS OF CURE OF ORGANIC COATINGS                                                                              | LOW           | QUALIFIED             |                 |                           |                                       |
| 300083              | FUNDACION CARTIF             | PARQUE TECNOL DE BOECILLO 205  | 47151                  | BOECILLO           | ES                    | AITM1-0053   | CARBON FIBRE REINFORCED PLASTIC-DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C                                     | HIGH          | QUALIFIED             |                 |                           |                                       |
| 300083              | FUNDACION CARTIF             | PARQUE TECNOL DE BOECILLO 205  | 47151                  | BOECILLO           | ES                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                                            | LOW           | QUALIFIED             |                 |                           |                                       |
| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAFF ROAD          | 44131                  | CLEVELAND          | US                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                                                             | HIGH          | AUTHORISED TO PROCEED | 31/01/2023      |                           | 09/11/2022                            |

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| 298998              | ELEMENT MATERIALS TECHNOLOGY | 5405 EAST SCHAAF ROAD         | 44131                  | CLEVELAND          | US                    | ASTMB645     | STANDARD PRACTICE FOR LINEAR-ELASTIC PLANE STRAIN FRACTURE TOUGHNESS TESTING OF ALUMINUM ALLOYS                 | HIGH          | QUALIFIED             |                 |                           | 28/11/2022                            |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE    | 91010                  | DUARTE             | US                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                 | LOW           | QUALIFIED             |                 |                           |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE    | 91010                  | DUARTE             | US                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEHRTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE                      | HIGH          | QUALIFIED             |                 |                           |                                       |
| 312862              | TEST CENTER OF CAAC          | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU            | CN                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST                   | LOW           | AUTHORISED TO PROCEED | 30/11/2022      |                           |                                       |
| 312862              | TEST CENTER OF CAAC          | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU            | CN                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST                         | LOW           | QUALIFIED             |                 |                           |                                       |
| 312862              | TEST CENTER OF CAAC          | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU            | CN                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45° BUNSEN BURNER TEST                                | LOW           | QUALIFIED             |                 |                           |                                       |
| 312862              | TEST CENTER OF CAAC          | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU            | CN                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60° BUNSEN BURNER TEST                                | LOW           | QUALIFIED             |                 |                           |                                       |
| 312862              | TEST CENTER OF CAAC          | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU            | CN                    | AITM2-0006   | DETERMINATION OF HEAT RELEASE AND HEAT RELEASE RATE OF AIRCRAFT MATERIALS                                       | HIGH          | QUALIFIED             |                 |                           |                                       |
| 312862              | TEST CENTER OF CAAC          | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU            | CN                    | AITM2-0007   | DETERMINATION OF THE SPECIFIC OPTICAL SMOKE DENSITY OF COMPONENT PARTS OR SUB-ASSEMBLIES OF AIRCRAFT ASSEMBLIES | HIGH          | AUTHORISED TO PROCEED | 30/11/2022      |                           |                                       |
| 312862              | TEST CENTER OF CAAC          | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU            | CN                    | AITM2-0008   | DETERMINATION OF THE OPTICAL SMOKE DENSITY OF ELECTRICAL AND NON-ELECTRICAL CABLE                               | HIGH          | QUALIFIED             |                 |                           |                                       |
| 312862              | TEST CENTER OF CAAC          | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU            | CN                    | AITM2-0009   | FIRE RESISTANCE OF AIRCRAFT SEAT CUSHION UTILIZING A HIGH INTENSITY OPEN FLAME                                  | HIGH          | QUALIFIED             |                 |                           | 01/07/2022                            |



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| 312862              | TEST CENTER OF CAAC             | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU             | CN                    | AITM2-0010   | FIRE RESISTANCE OF AIRCRAFT CARGO COMPARTMENT LINING MATERIALS UTILIZING A HIGH INTENSITY OPEN FLAME                                                                         | HIGH          | QUALIFIED             |                 |                           | 01/08/2022                            |
| 312862              | TEST CENTER OF CAAC             | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU             | CN                    | AITM2-0053   | DETERMINATION OF FLAMMABILITY AND FLAME PROPAGATION OF THERMAL/ACOUSTIC INSULATION MATERIALS - RADIANT PANEL TEST                                                            | HIGH          | QUALIFIED             |                 |                           | 01/08/2022                            |
| 312862              | TEST CENTER OF CAAC             | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU             | CN                    | AITM2-0056   | DETERMINATION OF BURN THROUGH RESISTANCE CHARACTERISTICS OF THERMAL/ACOUSTIC INSULATION MATERIALS                                                                            | HIGH          | QUALIFIED             |                 |                           | 01/08/2022                            |
| 277364              | ELEMENT MATERIALS TECHNOLOGY    | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA        | ES                    | ISO1463      | MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE                                                                                                                     | LOW           | QUALIFIED             |                 |                           |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY    | 1857 BUSINESS CENTER DRIVE    | 91010                  | DUARTE              | US                    | AITM3-0008   | DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY                                                                                                     | HIGH          | QUALIFIED             |                 |                           |                                       |
| 260011              | UNIVERSITAT DE GIRONA           | CL PIC DE PEGUERA 15          | 17003                  | GIRONA              | ES                    | AITM1-0006   | FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE II                                                                                    | HIGH          | QUALIFIED             |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN              | DE                    | AITM3-0002   | ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEH?RTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE                                                                                  | HIGH          | AUTHORISED TO PROCEED | 09/12/2022      |                           | 09/11/2022                            |
| 296665              | LABORATOIRE ECCI                | 185 RUE DE BIELLE             | 64121                  | SERRES-CASTET CEDEX | FR                    | EN2716       | TEST METHOD - DETERMINATION OF SUSCEPTIBILITY TO INTERGRANULAR CORROSION - WROUGHT ALUMINIUM ALLOY PRODUCTS - AL-P2XXX- SERIES AL-P7XXX- SERIES AND ALUMINIUM-LITHIUM ALLOYS | LOW           | QUALIFIED             |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES            | 140 STANDARD STREET           | 90245                  | EL SEGUNDO          | US                    | ASTMB487     | TEST METHOD FOR MEASUREMENT OF METAL AND OXIDE COATING THICKNESSES BY MICROSCOPICAL EXAMINATION OF A CROSS-SECTION                                                           | LOW           | QUALIFIED             |                 |                           |                                       |
| 306790              | APPLUS ILLESCAS                 | CL HISTORIA (NAVES 7 Y 8)     | 45200                  | ILLESCAS            | ES                    | EN542        | ADHESIVES - DETERMINATION OF DENSITY                                                                                                                                         | LOW           | QUALIFIED             |                 |                           |                                       |
| 306790              | APPLUS ILLESCAS                 | CL HISTORIA (NAVES 7 Y 8)     | 45200                  | ILLESCAS            | ES                    | EN2332       | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN FLOW                                                                    | LOW           | QUALIFIED             |                 |                           |                                       |

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| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)    | 45200                  | ILLESCAS             | ES                    | EN2329        | AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF MASS PER UNIT AREA                | LOW           | QUALIFIED                              |                 |                                                                            |                                       |
| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)    | 45200                  | ILLESCAS             | ES                    | EN2557        | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA                                         | LOW           | QUALIFIED                              |                 |                                                                            |                                       |
| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)    | 45200                  | ILLESCAS             | ES                    | ISO604        | PLASTICS ? DETERMINATION OF COMPRESSIVE PROPERTIES                                                                           | LOW           | QUALIFIED                              |                 |                                                                            |                                       |
| 276095              | DIRATS LABORATORIES          | 41 AIRPORT ROAD              | 01085                  | WESTFIELD            | US                    | EN2002-2      | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                                      | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 30/12/2022      | WITHOUT YOUNG'S MODULUS DETERMINATION                                      | 20/04/2022                            |
| 311788              | SGS GERMANY GMBH             | AM NEUEN RHEINHAFEN 12A      | 67346                  | SPEYER               | DE                    | QVA-Z09-22-00 | DETERMINATION OF DRY RESIDUE                                                                                                 | LOW           | QUALIFIED                              |                 |                                                                            | 23/05/2022                            |
| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO      | ES                    | AITM3-0004    | DETERMINATION OF GEL TIME AND VISCOSITY                                                                                      | LOW           | QUALIFIED WITH LIMITATIONS             |                 | "Limited to method "C""                                                    |                                       |
| 295929              | INCOTEST                     | HOLMER ROAD                  | HR4 9SL                | HEREFORD             | GB                    | EN3114        | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART?1 2 3 AND 4                               | LOW           | QUALIFIED                              |                 |                                                                            |                                       |
| 295929              | INCOTEST                     | HOLMER ROAD                  | HR4 9SL                | HEREFORD             | GB                    | EN2003-9      | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION            | LOW           | QUALIFIED                              |                 |                                                                            |                                       |
| 150147              | CRITT MATERIAUX INNOVATION   | 9 RUE CLAUDE CHRETIEN        | 08000                  | CHARLEVILLE MEZIERES | FR                    | ISO3887       | STEELS NON-ALLOY AND LOW-ALLOY - DETERMINATION OF DEPTH OF DECARBURIZATION                                                   | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                                                            | 25/11/2022                            |
| 257831              | WESTMORELAND MECHANICAL      | 19 WILDMERE ROAD             | OX16 3JU               | BANBURY, OXON        | GB                    | ISO4287       | GEOMETRICAL PRODUCT SPECIFICATION (GPS) - SURFACE TEXTURE: PROFILE METHOD - TERMS DEFINITIONS AND SURFACE TEXTURE PARAMETERS | LOW           | QUALIFIED WITH LIMITATIONS             |                 | ACCORDING TO INTERNAL PROCEDURE WMTR/QTP/ EM003 / MEASUREMENT OF RA AND RZ | 11/03/2022                            |
| 311788              | SGS GERMANY GMBH             | AM NEUEN RHEINHAFEN 12A      | 67346                  | SPEYER               | DE                    | QVA-Z09-07-31 | DETERMINATION OF SULPHATE IN SURFACE TREATMENT BATHS                                                                         | LOW           | QUALIFIED                              |                 |                                                                            | 23/05/2022                            |

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| 260077              | KEIGHLEY LABORATORIES LTD   | SOUTH STREET                  | BD21 1EG               | KEIGHLEY                         | GB                    | EN2003-9      | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                                                                                 | LOW           | QUALIFIED                              |                 |                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD   | SOUTH STREET                  | BD21 1EG               | KEIGHLEY                         | GB                    | ASTME9        | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                                                                                            | LOW           | QUALIFIED                              |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA                     | ES                    | QVA-Z09-20-00 | DETERMINATION OF WATER HARDNESS                                                                                                                                                                                   | LOW           | QUALIFIED                              |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA                     | ES                    | QVA-Z09-22-00 | DETERMINATION OF DRY RESIDUE                                                                                                                                                                                      | LOW           | QUALIFIED                              |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA                     | ES                    | QVA-Z09-23-00 | DETERMINATION OF THE SPECIFIC CONDUCTIVITY IN AQUEOUS MEDIA                                                                                                                                                       | LOW           | QUALIFIED                              |                 |                           |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA                     | ES                    | QVA-Z10-61-00 | DETERMINATION OF PARTICLE SIZES                                                                                                                                                                                   | LOW           | QUALIFIED                              |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS | CR DE SANLUCAR KM. 7          | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN3665        | TEST METHODS FOR PAINTS AND VARNISHES - FILIFORM CORROSION RESISTANCE TEST ON ALUMINIUM ALLOYS                                                                                                                    | LOW           | QUALIFIED                              |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI             | 3999 XIU PU RD NAN HUI        | 201315                 | SHANGHAI                         | CN                    | ASTME9        | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                                                                                                            | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | CYLINDRICAL SPECIMENS     | 15/09/2022                            |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO                       | US                    | ISO4628-1     | PAINTS AND VARNISHES - EVALUATION OF DEGRADATION OF COATINGS; DESIGNATION OF QUANTITY AND SIZE OF DEFECTS AND OF INTENSITY OF UNIFORM CHANGES IN APPEARANCE - PART 1: GENERAL INTRODUCTION AND DESIGNATION SYSTEM | LOW           | QUALIFIED                              |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO                       | US                    | ISO4628-4     | PAINTS AND VARNISHES - EVALUATION OF DEGRADATION OF COATINGS; DESIGNATION OF QUANTITY AND SIZE OF DEFECTS AND OF INTENSITY OF UNIFORM CHANGES IN APPEARANCE - PART 4: ASSESSMENT OF DEGREE OF CRACKING            | LOW           | QUALIFIED                              |                 |                           |                                       |
| 298894              | ANACHEM LABORATORIES        | 140 STANDARD STREET           | 90245                  | EL SEGUNDO                       | US                    | ISO4628-5     | PAINTS AND VARNISHES - EVALUATION OF DEGRADATION OF COATINGS; DESIGNATION OF QUANTITY AND SIZE OF DEFECTS AND OF INTENSITY OF UNIFORM CHANGES IN APPEARANCE - PART 5: ASSESSMENT OF DEGREE OF FLAKING             | LOW           | QUALIFIED                              |                 |                           |                                       |

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| 298894              | ANACHEM LABORATORIES         | 140 STANDARD STREET        | 90245                  | EL SEGUNDO          | US                    | ISO4628-6    | PAINTS AND VARNISHES - EVALUATION OF DEGRADATION OF COATINGS - DESIGNATION OF QUANTITY AND SIZE OF DEFECTS AND OF INTENSITY OF UNIFORM CHANGES IN APPEARANCE - PART 6: ASSESSMENT OF DEGREE OF CHALKING BY TAPE METHOD | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 197093              | SGS FRANCE TRANSPORTATION    | CHEMIN DE MARTICOT         | 33611                  | CESTAS CEDEX        | FR                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                                                                                                                        | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 197093              | SGS FRANCE TRANSPORTATION    | CHEMIN DE MARTICOT         | 33611                  | CESTAS CEDEX        | FR                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD                                                                       | LOW           | QUALIFIED WITH LIMITATIONS |                 | Method A - Immersion method       |                                       |
| 160505              | IFAM-FRAUNHOFER INSTITUT     | WIENER STR. 12             | 28359                  | BREMEN              | DE                    | ISO2812-1    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 1: IMMERSION IN LIQUIDS OTHER THAN WATER                                                                                                          | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE              | US                    | ASTMC273     | STANDARD TEST METHOD FOR SHEAR PROPERTIES OF SANDWICH CORE MATERIALS                                                                                                                                                   | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE              | US                    | ASTMC297     | STANDARD TEST METHOD FOR FLATWISE TENSILE STRENGTH OF SANDWICH CONSTRUCTIONS                                                                                                                                           | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 305773              | CETIM MAROC                  | MAROCAEROPOLE DE NOUASSE   | 20000                  | CASABLANCA          | MA                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                                                                             | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 296665              | LABORATOIRE ECCI             | 185 RUE DE BIELLE          | 64121                  | SERRES-CASTET CEDEX | FR                    | AITM1-0070   | SURFACE ROUGHNESS MEASUREMENTS USING SURFACE STYLUS METHODS                                                                                                                                                            | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 296665              | LABORATOIRE ECCI             | 185 RUE DE BIELLE          | 64121                  | SERRES-CASTET CEDEX | FR                    | ISO4288      | GEOMETRICAL PRODUCT SPECIFICATIONS (GPS) - SURFACE TEXTURE: PROFILE METHOD - RULES AND PROCEDURES FOR THE ASSESSMENT OF SURFACE TEXTURE                                                                                | LOW           | QUALIFIED                  |                 |                                   |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBERWEG 24         | 21684                  | STADE               | DE                    | AITM1-0008   | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD                                                                                                                           | HIGH          | QUALIFIED WITH LIMITATIONS |                 | *LIMITED TO TYPE A1, A2, B, C & D | 20/07/2022                            |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBERWEG 24         | 21684                  | STADE               | DE                    | ASTMC365     | STANDARD TEST METHOD FOR FLATWISE COMPRESSIVE PROPERTIES OF SANDWICH CORES                                                                                                                                             | LOW           | AUTHORISED TO PROCEED      | 31/03/2023      |                                   | 02/11/2022                            |

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| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH        | JULIUS-LEBERWEG 24            | 21684                  | STADE                            | DE                    | ASTMC393     | STANDARD TEST METHOD FOR CORE SHEAR PROPERTIES OF SANDWICH CONSTRUCTIONS BY BEAM FLEXURE                                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE   | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN                           | DE                    | ISO4578      | ADHESIVES ? DETERMINATION OF PEEL RESISTANCE OF HIGH-STRENGTH ADHESIVE BONDS ? FLOATING ROLLER METHOD                                     | LOW           | QUALIFIED             |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE   | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN                           | DE                    | EN2378       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF WATER ABSORPTION BY IMMERSION                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 312862              | TEST CENTER OF CAAC               | NO 765 TENGFEI RD CHENGDU PRC | 610207                 | CHENGDU                          | CN                    | AITM2-0038   | FLAMMABILITY OF NONMETALLIC HEAT SHRINKABLE TUBINGS - SMALL BURNER TEST 60? -                                                             | LOW           | QUALIFIED             |                 |                           |                                       |
| 305222              | GMA-WERKSTOFFPRUEFUNG GMBH        | RIESWEG 151                   | 26316                  | VAREL                            | DE                    | ISO1518      | PAINTS AND VARNISHES; SCRATCH TEST                                                                                                        | LOW           | QUALIFIED             |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE        | 15696                  | YOUNGSTOWN                       | US                    | EN2951       | METALLIC MATERIALS - TEST METHOD - MICROGRAPHIC DETERMINATION OF CONTENT OF NON-METALLIC INCLUSIONS                                       | LOW           | AUTHORISED TO PROCEED | 30/11/2022      |                           |                                       |
| 301462              | ETIM                              | ALLEE DU CHAFFAULT            | 44340                  | BOUGUENAI                        | FR                    | EN2823       | FIBRE REINFORCED PLASTICS - DETERMINATION OF THE EFFECT OF EXPOSURE TO HUMID ATMOSPHERE                                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 301462              | ETIM                              | ALLEE DU CHAFFAULT            | 44340                  | BOUGUENAI                        | FR                    | EN3615       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7          | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM5-0009   | DETERMINATION OF RESISTANCE TO BOND LINE CORROSION                                                                                        | HIGH          | QUALIFIED             |                 |                           |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE   | ZUR AUMUNDSWIESE 2            | 28279                  | BREMEN                           | DE                    | ISO4587      | ADHESIVE ? DETERMINATION OF TENSILE LAP-SHEAR STRENGTH OF RIGID-TO-RIGID BONDED ASSEMBLIES                                                | LOW           | QUALIFIED             |                 |                           |                                       |
| 303102              | AMPP SERVICES LTD                 | 2D MERLIN COURT               | CB6 3NX                | ELY                              | GB                    | ISO17639     | DESTRUCTIVE TESTS ON WELDS IN METALLIC MATERIALS - MACROSCOPIC AND MICROSCOPIC EXAMINATION OF WELDS                                       | LOW           | QUALIFIED             |                 |                           |                                       |

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| 301462              | ETIM                         | ALLEE DU CHAFFAULT          | 44340                  | BOUGUENAI          | FR                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD          | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 314665              | LUVAK INC                    | 722 MAIN ST                 | 01505                  | BOYLSTON           | US                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                           | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 314665              | LUVAK INC                    | 722 MAIN ST                 | 01505                  | BOYLSTON           | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 314665              | LUVAK INC                    | 722 MAIN ST                 | 01505                  | BOYLSTON           | US                    | ASTME1941    | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS                                                         | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 314665              | LUVAK INC                    | 722 MAIN ST                 | 01505                  | BOYLSTON           | US                    | ASTME2371    | STANDARD TEST METHOD FOR ANALYSIS OF TITANIUM AND TITANIUM ALLOYS BY ATOMIC EMISSION PLASMA SPECTROMETRY                                                  | LOW           | QUALIFIED WITH LIMITATIONS |                 | Al, B, Cu, Fe, Mn, Mo, Si, Sn, Y and Zr |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH   | JULIUS-LEBERWEG 24          | 21684                  | STADE              | DE                    | EN2667-3     | NON-METALLIC MATERIALS - FOAMING STRUCTURAL ADHESIVE FILMS - TEST METHOD - PART 3: EXPANSION RATIO AND VOLATILE CONTENT                                   | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                                               | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ISO5173      | DESTRUCTIVE TESTS ON WELDS IN METALLIC MATERIALS ?BEND TESTS                                                                                              | LOW           | QUALIFIED                  |                 |                                         |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                                           | LOW           | QUALIFIED                  |                 |                                         | 28/09/2022                            |

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| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                              |                 |                            |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                                                     | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | INCLUDING ASTM B557        | 14/09/2022                            |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | EN2002-2     | TENSILE TESTING AT ELEVATED TEMPERATURE                                                                                                                                    | LOW           | QUALIFIED                              |                 |                            |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ISO6892      | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE | LOW           | QUALIFIED                              |                 |                            |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTMA262     | STANDARD PRACTICES FOR DETECTING SUSCEPTIBILITY TO INTERGRANULAR ATTACK IN AUSTENITIC STAINLESS STEELS                                                                     | LOW           | QUALIFIED                              |                 |                            |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTMA604     | STANDARD PRACTICE FOR MACROETCH TESTING OF CONSUMABLE ELECTRODE REMELTED STEEL BARS AND BILLETS                                                                            | LOW           | QUALIFIED                              |                 |                            |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME1077    | STANDARD TEST METHODS FOR ESTIMATING THE DEPTH OF DECARBURIZATION OF STEEL SPECIMENS                                                                                       | LOW           | QUALIFIED                              |                 |                            |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                                                   | LOW           | QUALIFIED                              |                 |                            |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                                       | LOW           | QUALIFIED WITH LIMITATIONS             |                 | Limited to methods A and D |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME930     | STANDARD TEST METHODS FOR ESTIMATING THE LARGEST GRAIN OBSERVED IN A METALLOGRAPHIC SECTION (ALA GRAIN SIZE)                                                               | LOW           | QUALIFIED                              |                 |                            |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                                          | LOW           | QUALIFIED                              |                 |                            |                                       |

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| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ISO17639     | DESTRUCTIVE TESTS ON WELDS IN METALLIC MATERIALS - MACROSCOPIC AND MICROSCOPIC EXAMINATION OF WELDS            | LOW           | QUALIFIED            |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                    | LOW           | QUALIFIED            |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                             | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMB213     | STANDARD TEST METHODS FOR FLOW RATE OF METAL POWDERS USING THE HALL FLOW METER FUNNEL                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMB214     | SIEVE ANALYSIS OF METAL POWDERS                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMB215     | STANDARD PRACTICES FOR SAMPLING METAL POWDERS                                                                  | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMB417     | APPARENT DENSITY OF NON-FREE-FLOWING METAL POWDERS USING THE CARNEY FUNNEL                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMB527     | STANDARD TEST METHOD FOR DETERMINATION OF TAP DENSITY OF METALLIC POWDERS AND COMPOUNDS                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ASTMB822     | STANDARD TEST METHOD FOR PARTICLE SIZE DISTRIBUTION OF METAL POWDERS AND RELATED CONPOUNDS BY LIGHT SCATTERING | LOW           | QUALIFIED            |                 |                           |                                       |



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| 147019              | ELEMENT MATERIALS TECHNOLOGY | 3 AVENUE ANDRE MARIE AMPERE | 31770                  | COLOMIERS          | FR                    | ISO13320     | PARTICLE SIZE ANALYSIS ? LASER DIFFRACTION METHODS                                                                 | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET    | 92649                  | HUNTINGTON         | US                    | ASTME1941    | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS                  | LOW           | QUALIFIED WITH LIMITATIONS |                 | *Sulphur Detection Capability: higher than 0.0010% |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET    | 92649                  | HUNTINGTON         | US                    | ASTMG34      | STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS      | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET    | 92649                  | HUNTINGTON         | US                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                              | LOW           | DISQUALIFIED               |                 |                                                    | 09/11/2022                            |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE            | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | AITM3-0030   | TITRATION OF SULPHURIC AND TARTARIC ACID IN ANODIZING ELECTROLYTES                                                 | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE            | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | AITM3-0032   | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | AAS & UV/VIS SPECTROSCOPY USED INSTEAD OF ICP.     |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE            | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                         | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE            | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | AITM3-0035   | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                                                | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE            | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | AITM3-0036   | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                                          | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE            | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                       | LOW           | QUALIFIED                  |                 |                                                    |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE            | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ASTMB487     | TEST METHOD FOR MEASUREMENT OF METAL AND OXIDE COATING THICKNESSES BY MICROSCOPICAL EXAMINATION OF A CROSS-SECTION | LOW           | QUALIFIED                  |                 |                                                    | 30/11/2022                            |

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| 294328              | AEROFIN LABORATORIES LTD          | 68 A&E LOVE LANE         | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | AITM2-0024   | DETERMINATION OF ADHESION BY WET TAPE TESTING                                                                                                                  | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 294328              | AEROFIN LABORATORIES LTD          | 68 A&E LOVE LANE         | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ASTMD3359    | MEASURING ADHESION BY TAPE TEST                                                                                                                                | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 294328              | AEROFIN LABORATORIES LTD          | 68 A&E LOVE LANE         | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                                                                         | LOW           | QUALIFIED WITH LIMITATIONS |                 | EDDY CURRENT METHOD ONLY.                                                                                                                 |                                       |
| 294328              | AEROFIN LABORATORIES LTD          | 68 A&E LOVE LANE         | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ISO2106      | ANODIZING OF ALUMINIUM AND ITS ALLOYS ? DETERMINATION OF MASS PER UNIT AREA (SURFACE DENSITY) OF ANODIC OXIDATION COATINGS ? GRAVIMETRIC METHOD                | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 294328              | AEROFIN LABORATORIES LTD          | 68 A&E LOVE LANE         | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                                                          | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 294328              | AEROFIN LABORATORIES LTD          | 68 A&E LOVE LANE         | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ISO1463      | MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE                                                                                                       | LOW           | QUALIFIED                  |                 |                                                                                                                                           | 30/11/2022                            |
| 305773              | CETIM MAROC                       | MAROCAEROPOLE DE NOUASSE | 20000                  | CASABLANCA         | MA                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                             | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 310669              | LABORATORY TESTING INC            | 2331 TOPAZ DRIVE         | 19440                  | HATFIELD           | US                    | ASTME1019    | STANDARD TEST METHOD FOR DETERMINATION OF CARBON SULFUR NITROGEN AND OXYGEN IN STEEL IRON NICKEL AND COBALT ALLOYS BY VARIOUS COMBUSTION AND FUSION TECHNIQUES | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE   | 15696                  | YOUNGSTOWN         | US                    | NASM1312-21  | FASTENER TEST METHODS SHEAR JOINT FATIGUE                                                                                                                      | HIGH          | QUALIFIED WITH LIMITATIONS |                 | QUALIFICATION DOESN'T INCLUDE THE LOW LOAD OR NO-LOAD TRANSFER TEST TYPES / RESTRICTED TO SINGLE SHEAR 100% LOAD TRANSFER TYPE (4 RIVETS) |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE   | 15696                  | YOUNGSTOWN         | US                    | ASTME21      | STANDARD TEST METHODS FOR ELEVATED TEMPERATURE TENSION TESTS OF METALLIC MATERIALS                                                                             | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE   | 15696                  | YOUNGSTOWN         | US                    | ASTME1019    | STANDARD TEST METHOD FOR DETERMINATION OF CARBON SULFUR NITROGEN AND OXYGEN IN STEEL IRON NICKEL AND COBALT ALLOYS BY VARIOUS COMBUSTION AND FUSION TECHNIQUES | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |

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| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN                       | US                    | ASTME1086     | STANDARD TEST METHOD FOR ANALYSIS OF AUSTENITIC STAINLESS STEEL BY SPARK ATOMIC EMISSION SPECTROMETRY                                                     | LOW           | QUALIFIED            |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN                       | US                    | ASTME1834     | STANDARD TEST METHOD FOR ANALYSIS OF NICKEL ALLOYS BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY                                                     | LOW           | QUALIFIED            |                 |                           | 28/11/2022                            |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE | 15696                  | YOUNGSTOWN                       | US                    | ASTME2594     | STANDARD TEST METHOD FOR ANALYSIS OF NICKEL ALLOYS BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROMETRY (PERFORMANCE-BASED METHOD)                  | LOW           | QUALIFIED            |                 |                           | 20/09/2022                            |
| 311578              | APPLUS SHANGHAI                   | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI                         | CN                    | ISO3887       | STEELS NON-ALLOY AND LOW-ALLOY - DETERMINATION OF DEPTH OF DECARBURIZATION                                                                                | LOW           | QUALIFIED            |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD       | OX16 3JU               | BANBURY, OXON                    | GB                    | ASTME21       | STANDARD TEST METHODS FOR ELEVATED TEMPERATURE TENSION TESTS OF METALLIC MATERIALS                                                                        | LOW           | QUALIFIED            |                 |                           |                                       |
| 161203              | GACHES CHIMIE SPECIALITES         | 8 RUE LABOUCHE         | 31084                  | TOULOUSE CEDEX                   | FR                    | QVA-Z09-07-27 | DETERMINATION OF CHROMIUM (VI) IN SURFACE TREATMENT BATHS                                                                                                 | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7   | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTMF1110     | STANDARD TEST METHOD FOR SANDWICH CORROSION TEST                                                                                                          | LOW           | QUALIFIED            |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7   | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTMF483      | STANDARD PRACTICE FOR TOTAL IMMERSION CORROSION TEST FOR AIRCRAFT MAINTENANCE CHEMICALS                                                                   | LOW           | QUALIFIED            |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH       | WERFTSTR. 1            | 26954                  | NORDENHAM                        | DE                    | ASTME1409     | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                           | LOW           | QUALIFIED            |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH       | WERFTSTR. 1            | 26954                  | NORDENHAM                        | DE                    | ASTME1447     | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED            |                 |                           |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH       | WERFTSTR. 1            | 26954                  | NORDENHAM                        | DE                    | ASTME1941     | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS                                                         | LOW           | QUALIFIED            |                 |                           |                                       |

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| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE                | TA8 1EY                | BURNHAM-ON-SEA         | GB                    | ISO2812-2    | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD                                                                 | LOW           | QUALIFIED                              |                 |                                        |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1   | 41309                  | LA RINCONADA           | ES                    | AITM1-0024   | DETERMINATION OF THE COMPLETENESS OF CURE OF ORGANIC COATINGS                                                                                                  | LOW           | QUALIFIED                              |                 |                                        |                                       |
| 150147              | CRITT MATERIAUX INNOVATION   | 9 RUE CLAUDE CHRETIEN           | 08000                  | CHARLEVILLE MEZIERES   | FR                    | ASTME1019    | STANDARD TEST METHOD FOR DETERMINATION OF CARBON SULFUR NITROGEN AND OXYGEN IN STEEL IRON NICKEL AND COBALT ALLOYS BY VARIOUS COMBUSTION AND FUSION TECHNIQUES | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | - DETERMINATION OF C, N & O IN INCONEL | 25/11/2022                            |
| 276093              | DICKSON TESTING CO INC       | 11126 PALMER AVENUE             | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME2465    | STANDARD TEST METHOD FOR ANALYSIS OF NI-BASE ALLOYS BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY                                                   | LOW           | QUALIFIED                              |                 |                                        | 31/03/2022                            |
| 276095              | DIRATS LABORATORIES          | 41 AIRPORT ROAD                 | 01085                  | WESTFIELD              | US                    | ASTME2465    | STANDARD TEST METHOD FOR ANALYSIS OF NI-BASE ALLOYS BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY                                                   | LOW           | QUALIFIED                              |                 |                                        |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET        | 92649                  | HUNTINGTON             | US                    | ASTME2465    | STANDARD TEST METHOD FOR ANALYSIS OF NI-BASE ALLOYS BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY                                                   | LOW           | QUALIFIED                              |                 |                                        |                                       |
| 300081              | AEROTECH LABORATORIES LTD    | UNIT 20 MERCIA BUSINESS VILLAGE | CV4 8HX                | COVENTRY               | GB                    | AITM3-0035   | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                                                                                            | LOW           | QUALIFIED                              |                 |                                        |                                       |
| 305773              | CETIM MAROC                  | MAROCAEROPOLE DE NOUASSE        | 20000                  | CASABLANCA             | MA                    | EN2243-4     | STRUCTURAL ADHESIVES METAL-HONEYCOMB- CORE FLATWISE TENSILE TEST                                                                                               | LOW           | QUALIFIED                              |                 |                                        |                                       |
| 305773              | CETIM MAROC                  | MAROCAEROPOLE DE NOUASSE        | 20000                  | CASABLANCA             | MA                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                                                                                                          | LOW           | QUALIFIED                              |                 |                                        |                                       |
| 305773              | CETIM MAROC                  | MAROCAEROPOLE DE NOUASSE        | 20000                  | CASABLANCA             | MA                    | EN2243-3     | STRUCTURAL ADHESIVES PEELING TEST METAL HONEYCOMB-CORE DRUM PEEL TEST                                                                                          | LOW           | QUALIFIED                              |                 |                                        |                                       |
| 276095              | DIRATS LABORATORIES          | 41 AIRPORT ROAD                 | 01085                  | WESTFIELD              | US                    | ASTME21      | STANDARD TEST METHODS FOR ELEVATED TEMPERATURE TENSION TESTS OF METALLIC MATERIALS                                                                             | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 30/12/2022      | WITHOUT YOUNG'S MODULUS DETERMINATION  | 20/04/2022                            |

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| 305214              | GMA-WERKSTOFFFRUEFFUNG GMBH | WERFTSTR. 1                   | 26954                  | NORDENHAM          | DE                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                                 | LOW           | QUALIFIED WITH LIMITATIONS |                 | ONLY AT ROOM TEMPARTURE                                                      | 17/11/2022                            |
| 316971              | TESTCORP (LAKE FOREST)      | 26211 DIMENSION DRIVE         | 92630                  | CALIFORNIA         | US                    | AITM2-0002   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 12 S OR 60 S VERTICAL BUNSEN BURNER TEST                                                   | LOW           | QUALIFIED                  |                 |                                                                              |                                       |
| 316971              | TESTCORP (LAKE FOREST)      | 26211 DIMENSION DRIVE         | 92630                  | CALIFORNIA         | US                    | AITM2-0006   | DETERMINATION OF HEAT RELEASE AND HEAT RELEASE RATE OF AIRCRAFT MATERIALS                                                                       | HIGH          | QUALIFIED                  |                 |                                                                              |                                       |
| 316971              | TESTCORP (LAKE FOREST)      | 26211 DIMENSION DRIVE         | 92630                  | CALIFORNIA         | US                    | AITM2-0007   | DETERMINATION OF THE SPECIFIC OPTICAL SMOKE DENSITY OF COMPONENT PARTS OR SUB-ASSEMBLIES OF AIRCRAFT ASSEMBLIES                                 | HIGH          | QUALIFIED                  |                 |                                                                              |                                       |
| 316971              | TESTCORP (LAKE FOREST)      | 26211 DIMENSION DRIVE         | 92630                  | CALIFORNIA         | US                    | AITM3-0005   | DETERMINATION OF SPECIFIC GAS COMPONENTS OF SMOKE GENERATED BY AIRCRAFT INTERIOR MATERIALS                                                      | HIGH          | QUALIFIED                  |                 |                                                                              |                                       |
| 316971              | TESTCORP (LAKE FOREST)      | 26211 DIMENSION DRIVE         | 92630                  | CALIFORNIA         | US                    | AITM2-0008   | DETERMINATION OF THE OPTICAL SMOKE DENSITY OF ELECTRICAL AND NON-ELECTRICAL CABLE                                                               | HIGH          | QUALIFIED                  |                 |                                                                              | 01/08/2022                            |
| 292690              | CANAGROSA LAB & SERVICES SL | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ISO2106      | ANODIZING OF ALUMINIUM AND ITS ALLOYS ? DETERMINATION OF MASS PER UNIT AREA (SURFACE DENSITY) OF ANODIC OXIDATION COATINGS ? GRAVIMETRIC METHOD | LOW           | QUALIFIED                  |                 |                                                                              |                                       |
| 276095              | DIRATS LABORATORIES         | 41 AIRPORT ROAD               | 01085                  | WESTFIELD          | US                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | INTERCHANGEABILITY PER ICY-CS-19772 NOTE - 2 WAYS WITH ASTM B557 AND ASTM E8 | 19/10/2022                            |
| 294328              | AEROFIN LABORATORIES LTD    | 68 A&E LOVE LANE              | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | AITM3-0038   | DETERMINATION OF NON-VOLATILE-RESIDUE                                                                                                           | LOW           | QUALIFIED                  |                 |                                                                              |                                       |
| 294328              | AEROFIN LABORATORIES LTD    | 68 A&E LOVE LANE              | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ASTMD1125    | STANDARD TEST METHODS FOR ELECTRICAL CONDUCTIVITY AND RESISTIVITY OF WATER                                                                      | LOW           | QUALIFIED WITH LIMITATIONS |                 | METHOD A ONLY.                                                               |                                       |
| 294328              | AEROFIN LABORATORIES LTD    | 68 A&E LOVE LANE              | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ASTMD1293    | STANDARD TEST METHODS FOR PH OF WATER                                                                                                           | LOW           | QUALIFIED WITH LIMITATIONS |                 | METHOD A ONLY.                                                               |                                       |

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| 311578              | APPLUS SHANGHAI                   | 3999 XIU PU RD NAN HUI        | 201315                 | SHANGHAI           | CN                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                  | LOW           | QUALIFIED                  |                 |                           |                                       |
| 311578              | APPLUS SHANGHAI                   | 3999 XIU PU RD NAN HUI        | 201315                 | SHANGHAI           | CN                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY      | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                                      | LOW           | QUALIFIED WITH LIMITATIONS |                 | LIMITED TO METHD 7D & 12B |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY      | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                       | LOW           | QUALIFIED                  |                 |                           |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY      | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | AITM2-0031   | DETERMINATION OF ELECTRICAL RESISTIVITY BY OHMIC METHOD                                                                     | LOW           | QUALIFIED                  |                 |                           |                                       |
| 310669              | LABORATORY TESTING INC            | 2331 TOPAZ DRIVE              | 19440                  | HATFIELD           | US                    | ASTME415     | STANDARD TEST METHOD FOR ANALYSIS OF CARBON AND LOW-ALLOY STEEL BY SPARK ATOMIC EMISSION SPECTROMETRY                       | LOW           | QUALIFIED                  |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET             | 91730                  | RANCHO CUCAMONGA   | US                    | AITM3-0029   | DETERMINATION OF IRON (III) AS REACTIVE COMPOUND IN ACIDIC SURFACE TREATMENT BATHS                                          | LOW           | QUALIFIED                  |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET             | 91730                  | RANCHO CUCAMONGA   | US                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                                  | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE        | 15696                  | YOUNGSTOWN         | US                    | ASTME290     | STANDARD TEST METHODS FOR BEND TESTING OF MATERIAL FOR DUCTILITY                                                            | LOW           | QUALIFIED                  |                 |                           |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH        | JULIUS-LEBERWEG 24            | 21684                  | STADE              | DE                    | AITM1-0001   | FIBER REINFORCED PLASTICS DETERMINATION OF MECHANICAL DEGRADATION DUE TO CHEMICAL PAINT STRIPPERS                           | LOW           | QUALIFIED                  |                 |                           |                                       |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD              | OX16 3JU               | BANBURY, OXON      | GB                    | ASTMF519     | STANDARD TEST METHOD FOR MECHANICAL HYDROGEN EMBRITTLEMENT EVALUATION OF PLATING/COATING PROCESSES AND SERVICE ENVIRONMENTS | LOW           | QUALIFIED                  |                 |                           |                                       |

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| 311578              | APPLUS SHANGHAI              | 3999 XIU PU RD NAN HUI | 201315                 | SHANGHAI             | CN                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                                                                         | LOW           | QUALIFIED                              |                 |                                                                                                                                          |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                                 | LOW           | QUALIFIED                              |                 |                                                                                                                                          |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                                                                                 | LOW           | QUALIFIED                              |                 |                                                                                                                                          |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                                                                | LOW           | QUALIFIED                              |                 |                                                                                                                                          | 13/09/2022                            |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | ASTME290     | STANDARD TEST METHODS FOR BEND TESTING OF MATERIAL FOR DUCTILITY                                                                                                           | LOW           | QUALIFIED                              |                 |                                                                                                                                          |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | ISO148-1     | METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST                                                                                                                            | LOW           | QUALIFIED                              |                 |                                                                                                                                          |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | ASTME21      | STANDARD TEST METHODS FOR ELEVATED TEMPERATURE TENSION TESTS OF METALLIC MATERIALS                                                                                         | LOW           | QUALIFIED WITH LIMITATIONS             |                 | Without Young's Modulus                                                                                                                  |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                                            | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | WITHOUT YOUNG'S MODULUS                                                                                                                  | 13/09/2022                            |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                                                     | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | LIMITATION 1:WITHOUT YOUNG'S MODULUS<br>LIMITATION 2: "INTERCHANGEABILITY PER ICY-CS-19772<br>NOTE- 2 WAYS WITH ASTM E2002-1 / ASTMB557" | 13/09/2022                            |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | ISO6892      | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | PARTS 1 & 2 / WITHOUT YOUNG'S MODULUS                                                                                                    | 27/09/2022                            |
| 318888              | ELEMENT MATERIALS TECHNOLOGY | LAHNSTR. 26            | 45478                  | MUELHEIM AN DER RUHR | DE                    | ASTME1077    | STANDARD TEST METHODS FOR ESTIMATING THE DEPTH OF DECARBURIZATION OF STEEL SPECIMENS                                                                                       | LOW           | QUALIFIED                              |                 |                                                                                                                                          |                                       |

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| 318888              | ELEMENT MATERIALS TECHNOLOGY        | LAHNSTR. 26              | 45478                  | MUELHEIM AN DER RUHR             | DE                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                      | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY        | LAHNSTR. 26              | 45478                  | MUELHEIM AN DER RUHR             | DE                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                          | LOW           | QUALIFIED WITH LIMITATIONS |                 | Methods A and D           |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY        | LAHNSTR. 26              | 45478                  | MUELHEIM AN DER RUHR             | DE                    | ISO643       | STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE                                                                | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY        | LAHNSTR. 26              | 45478                  | MUELHEIM AN DER RUHR             | DE                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                                   | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY        | LAHNSTR. 26              | 45478                  | MUELHEIM AN DER RUHR             | DE                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                    | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY        | LAHNSTR. 26              | 45478                  | MUELHEIM AN DER RUHR             | DE                    | ASTME340     | TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS                                                                            | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY        | LAHNSTR. 26              | 45478                  | MUELHEIM AN DER RUHR             | DE                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                            | LOW           | QUALIFIED                  |                 |                           |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39         | 301 00                 | PLZEN                            | CZ                    | EN2002-5     | TEST METHODS FOR METALLIC MATERIALS - PART 5 - UNINTERRUPTED CREEP AND STRESS-RUPTURE TESTING                                 | LOW           | QUALIFIED                  |                 |                           | 21/09/2022                            |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH          | JULIUS-LEBERWEG 24       | 21684                  | STADE                            | DE                    | ISO3801      | TEXTILES; WOVEN FABRICS; DETERMINATION OF MASS PER UNIT LENGTH AND MASS PER UNIT AREA                                         | LOW           | QUALIFIED                  |                 |                           |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY        | 15062 BOLSA CHICA STREET | 92649                  | HUNTINGTON                       | US                    | ASTME322     | STANDARD TEST METHOD FOR ANALYSIS OF LOW-ALLOY STEELS AND CAST IRONS BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY | LOW           | QUALIFIED                  |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS         | CR DE SANLUCAR KM. 7     | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO2781      | RUBBER VULCANIZED OR THERMOPLASTIC - DETERMINATION OF DENSITY                                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |



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| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE                 | US                    | AITM1-0047   | GLARE MATERIAL INTERLAMINAR SHEAR TEST                                                                                                                       | LOW           | QUALIFIED                  |                 |                                          |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE                 | US                    | AITM2-0033   | SEALANTS: DETERMINATION OF SLUMP                                                                                                                             | LOW           | QUALIFIED                  |                 |                                          |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE                 | US                    | AITM2-0034   | SEALANTS: DETERMINATION OF TACK-FREE TIME OF SEALING MATERIALS                                                                                               | LOW           | QUALIFIED                  |                 |                                          |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE                 | US                    | AITM3-0023   | DETERMINATION OF VISCOSSITIES AND FLOW CURVES USING STANDARD DESIGN ROTARY VISCOMETERS                                                                       | LOW           | QUALIFIED                  |                 |                                          |                                       |
| 285144              | ELEMENT MATERIALS TECHNOLOGY | 1857 BUSINESS CENTER DRIVE | 91010                  | DUARTE                 | US                    | ASTME831     | STANDARD TEST METHOD FOR LINEAR THERMAL EXPANSION OF SOLID MATERIALS BY THERMOMECHANICAL ANALYSIS                                                            | LOW           | QUALIFIED                  |                 |                                          |                                       |
| 276093              | DICKSON TESTING CO INC       | 11126 PALMER AVENUE        | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME21      | STANDARD TEST METHODS FOR ELEVATED TEMPERATURE TENSION TESTS OF METALLIC MATERIALS                                                                           | LOW           | QUALIFIED                  |                 |                                          | 31/03/2022                            |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE           | TA8 1EY                | BURNHAM-ON-SEA         | GB                    | ISO1518      | PAINTS AND VARNISHES; SCRATCH TEST                                                                                                                           | LOW           | QUALIFIED                  |                 |                                          |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE           | TA8 1EY                | BURNHAM-ON-SEA         | GB                    | ISO2360      | NON-CONDUCTIVE COATINGS ON NON-MAGNETIC ELECTRICALLY CONDUCTIVE BASIS MATERIALS - MEASUREMENT OF COATING THICKNESS - AMPLITUDE-SENSITIVE EDDY CURRENT METHOD | LOW           | QUALIFIED                  |                 |                                          |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE           | TA8 1EY                | BURNHAM-ON-SEA         | GB                    | ISO4516      | METALLIC AND OTHER INORGANIC COATINGS - VICKERS AND KNOOP MICROHARDNESS TESTS                                                                                | LOW           | QUALIFIED WITH LIMITATIONS |                 | 50GF / 300HV & 100GF / 900HV RANGE ONLY. |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE           | TA8 1EY                | BURNHAM-ON-SEA         | GB                    | ASTME70      | STANDARD TEST METHOD FOR PH OF AQUEOUS SOLUTIONS WITH THE GLASS ELECTRODE                                                                                    | LOW           | QUALIFIED                  |                 |                                          |                                       |
| 294328              | AEROFIN LABORATORIES LTD     | 68 A&E LOVE LANE           | TA8 1EY                | BURNHAM-ON-SEA         | GB                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                   | LOW           | QUALIFIED                  |                 |                                          |                                       |

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| 294328              | AEROFIN LABORATORIES LTD        | 68 A&E LOVE LANE             | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ASTME384     | TEST METHODE FOR MICROHARDNESS OF MATERIALS                                                                               | LOW           | QUALIFIED WITH LIMITATIONS |                 | 50GF / 300HV & 100GF / 900HV RANGE ONLY.       |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY    | 15062 BOLSA CHICA STREET     | 92649                  | HUNTINGTON         | US                    | ASTME1086    | STANDARD TEST METHOD FOR ANALYSIS OF AUSTENITIC STAINLESS STEEL BY SPARK ATOMIC EMISSION SPECTROMETRY                     | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY    | 15062 BOLSA CHICA STREET     | 92649                  | HUNTINGTON         | US                    | ASTME1834    | STANDARD TEST METHOD FOR ANALYSIS OF NICKEL ALLOYS BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY                     | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH      | JULIUS-LEBERWEG 24           | 21684                  | STADE              | DE                    | AITM3-0001   | ANALYSIS OF THERMOSET SYSTEMS BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHIE                                                  | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                                | 25/11/2022                            |
| 257831              | WESTMORELAND MECHANICAL         | 19 WILDMERE ROAD             | OX16 3JU               | BANBURY, OXON      | GB                    | ASTMG44      | STANDARD PRACTICE FOR EXPOSURE OF METALS AND ALLOYS BY ALTERNATE IMMERSION IN NEUTRAL 3.5% SODIUM CHLORIDE SOLUTION       | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ONLY CONSTANT STRAIN AND CONSTANT LOAD METHODS | 22/03/2022                            |
| 257831              | WESTMORELAND MECHANICAL         | 19 WILDMERE ROAD             | OX16 3JU               | BANBURY, OXON      | GB                    | ASTMG47      | STANDARD TEST METHOD FOR DETERMINING SUSCEPTIBILITY TO STRESS-CORROSION CRACKING OF 2XXX AND 7XXX ALUMINUM ALLOY PRODUCTS | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ONLY CONSTANT STRAIN AND CONSTANT LOAD METHODS | 22/03/2022                            |
| 257831              | WESTMORELAND MECHANICAL         | 19 WILDMERE ROAD             | OX16 3JU               | BANBURY, OXON      | GB                    | ASTMG49      | STANDARD PRACTICE FOR PREPARATION AND USE OF DIRECT TENSION STRESS-CORROSION TEST SPECIMENS                               | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ONLY CONSTANT STRAIN AND CONSTANT LOAD METHODS | 22/03/2022                            |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2           | 28279                  | BREMEN             | DE                    | EN6018       | DETERMINATION OF DENSITY ACCORDING TO DISPLACEMENT METHODE                                                                | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 276095              | DIRATS LABORATORIES             | 41 AIRPORT ROAD              | 01085                  | WESTFIELD          | US                    | ASTME9       | STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE                                    | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO    | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                                                                     | LOW           | QUALIFIED                  |                 |                                                |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO    | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | EN2243-2     | STRUCTURAL ADHESIVES PEEL METAL-METAL FLOATING ROLLER                                                                     | LOW           | QUALIFIED                  |                 |                                                |                                       |

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| 298897              | FUNDACION CENTRO TECNOLOGICO | MONTANANA PARCELAS R 60 R 61    | 09200                  | MIRANDA DE EBRO                  | ES                    | AITM1-0019    | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                                                                                           | LOW           | QUALIFIED                              |                 |                                                                   |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15   | 41300                  | LA RINCONADA                     | ES                    | ASTME1447     | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD | LOW           | QUALIFIED                              |                 |                                                                   |                                       |
| 292690              | CANAGROSA LAB & SERVICES SL  | CL WILBUR Y ORVILLE WRIGHT 15   | 41300                  | LA RINCONADA                     | ES                    | EN3665        | TEST METHODS FOR PAINTS AND VARNISHES - FILIFORM CORROSION RESISTANCE TEST ON ALUMINIUM ALLOYS                                                            | LOW           | QUALIFIED WITH LIMITATIONS             |                 | Restricted to Method A                                            |                                       |
| 311788              | SGS GERMANY GMBH             | AM NEUEN RHEINHAFEN 12A         | 67346                  | SPEYER                           | DE                    | QVA-Z09-07-34 | DETERMINATION OF ZINC IN ACID SURFACE TREATMENT BATHS                                                                                                     | LOW           | QUALIFIED                              |                 |                                                                   | 23/05/2022                            |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7            | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0066    | FIBRE REINFORCED PLASTICS - DETERMINATION OF PULL-OUT/ PULL-THROUGH STRENGTH ON RIVETED JOINTS                                                            | LOW           | QUALIFIED                              |                 |                                                                   |                                       |
| 300081              | AEROTECH LABORATORIES LTD    | UNIT 20 MERCIA BUSINESS VILLAGE | CV4 8HX                | COVENTRY                         | GB                    | AITM3-0032    | ANALYSIS OF METALS IN GALVANIC BATHES BY ICP-SPECTROSCOPY                                                                                                 | LOW           | QUALIFIED WITH LIMITATIONS             |                 | LIMITED TO ATOMIC ABSORTION SPECTROSCOPY TECHNIQUE                |                                       |
| 300081              | AEROTECH LABORATORIES LTD    | UNIT 20 MERCIA BUSINESS VILLAGE | CV4 8HX                | COVENTRY                         | GB                    | AITM3-0034    | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                                                                | LOW           | QUALIFIED                              |                 |                                                                   |                                       |
| 305222              | GMA-WERKSTOFFPRUEFFUNG GMBH  | RIESWEG 151                     | 26316                  | VAREL                            | DE                    | ISO2409       | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                                                     | LOW           | QUALIFIED                              |                 |                                                                   |                                       |
| 305222              | GMA-WERKSTOFFPRUEFFUNG GMBH  | RIESWEG 151                     | 26316                  | VAREL                            | DE                    | ISO2812-2     | PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD                                                            | LOW           | QUALIFIED                              |                 |                                                                   |                                       |
| 169755              | IMA MATERIALFORSHUNG UND     | WILHELMINE-REICHARD-RING 4      | 01109                  | DRESDEN                          | DE                    | AITM1-0008    | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD                                                              | HIGH          | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | *LIMITED TO TYPE A1 (HCCF DEVICE), A2 (HCCF DEVICE), A3, B, C & D | 30/03/2022                            |
| 277364              | ELEMENT MATERIALS TECHNOLOGY | CL WILBURG Y ORVILLE WRIGHT 1   | 41309                  | LA RINCONADA                     | ES                    | AITM1-0008    | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD                                                              | HIGH          | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | * LIMITED TO TYPE A1, A2, B, C, & D                               | 08/03/2022                            |

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| 292690              | CANAGROSA LAB & SERVICES SL       | CL WILBUR Y ORVILLE WRIGHT 15 | 41300                  | LA RINCONADA       | ES                    | ASTMF2111A    | STANDARD PRACTICE FOR MEASURING INTERGRANULAR ATTACK OR END GRAIN PITTING ON METALS CAUSED BY AIRCRAFT CHEMICAL PROCESSES                                      | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 305214              | GMA-WERKSTOFFFRU EFFUNG GMBH      | WERFTSTR. 1                   | 26954                  | NORDENHAM          | DE                    | QVA-Z09-11-01 | INSPECTION OF POLYALKYLENE GLYCOL BATHS                                                                                                                        | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 176634              | LANTAL TEXTILES AG                | DORFGASSE 5                   | 4900                   | LANGENTHAL         | CH                    | ISO1765       | MACHINE MADE TEXTILE FLOOR COVERINGS - DETERMINATION OF THICKNESS                                                                                              | LOW           | QUALIFIED WITH LIMITATIONS |                 | * Only for internal Lantal testing needs / * Not possible to offer this test to external customers |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY      | 15062 BOLSA CHICA STREET      | 92649                  | HUNTINGTON         | US                    | ASTME1181     | STANDARD TEST METHODS FOR CHARACTERIZING DUPLEX GRAIN SIZES                                                                                                    | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY      | 15062 BOLSA CHICA STREET      | 92649                  | HUNTINGTON         | US                    | ASTME930      | STANDARD TEST METHODS FOR ESTIMATING THE LARGEST GRAIN OBSERVED IN A METALLOGRAPHIC SECTION (ALA GRAIN SIZE)                                                   | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING & | 221 WESTMORELAND DRIVE        | 15696                  | YOUNGSTOWN         | US                    | EN2002-7      | HARDNESS TESTING                                                                                                                                               | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD              | OX16 3JU               | BANBURY, OXON      | GB                    | EN2002-7      | HARDNESS TESTING                                                                                                                                               | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD              | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME1447     | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD      | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD              | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME1409     | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                                | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD              | OX16 3JU               | BANBURY, OXON      | GB                    | ASTME1019     | STANDARD TEST METHOD FOR DETERMINATION OF CARBON SULFUR NITROGEN AND OXYGEN IN STEEL IRON NICKEL AND COBALT ALLOYS BY VARIOUS COMBUSTION AND FUSION TECHNIQUES | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET             | 91730                  | RANCHO CUCAMONGA   | US                    | QVA-Z09-07-27 | DETERMINATION OF CHROMIUM (VI) IN SURFACE TREATMENT BATHS                                                                                                      | LOW           | QUALIFIED                  |                 |                                                                                                    |                                       |

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| 276093              | DICKSON TESTING CO INC         | 11126 PALMER AVENUE         | 90280                  | SOUTH GATE LOS ANGELES | US                    | EN2003-10     | AEROSPACE SERIES - TITANIUM AND TITANIUM ALLOYS - TEST METHODS - PART 010: SAMPLING FOR DETERMINATION OF HYDROGEN CONTENT  | LOW           | QUALIFIED                  |                 |                                                                                                                                           | 31/03/2022                            |
| 296665              | LABORATOIRE ECCI               | 185 RUE DE BIELLE           | 64121                  | SERRES-CASTET CEDEX    | FR                    | ASTMF519      | STANDARD TEST METHOD FOR MECHANICAL HYDROGEN EMBRITTLMENT EVALUATION OF PLATING/COATING PROCESSES AND SERVICE ENVIRONMENTS | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 301462              | ETIM                           | ALLEE DU CHAFFAULT          | 44340                  | BOUGUENAI              | FR                    | AITM1-0010    | FIBRE REINFORCED PLASTICS DETERMINATION OF COMPRESSION STRENGTH AFTER IMPACT                                               | HIGH          | QUALIFIED WITH LIMITATIONS |                 | THE NDT QUALIFICATION FOR THE UT INSPECTION OF THE DAMAGE AREAS AFTER THE IMPACTS IS NOT INCLUDED IN THIS QUALIFICATION.                  |                                       |
| 321693              | ELEMENT MATERIALS TECHNOLOGY   | 14805 YORKTOWN PLAZA DRIVE  | 77040                  | HOUSTON                | US                    | ASTME112      | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                   | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 321693              | ELEMENT MATERIALS TECHNOLOGY   | 14805 YORKTOWN PLAZA DRIVE  | 77040                  | HOUSTON                | US                    | ASTME3        | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                 | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 321693              | ELEMENT MATERIALS TECHNOLOGY   | 14805 YORKTOWN PLAZA DRIVE  | 77040                  | HOUSTON                | US                    | EN2003-10     | AEROSPACE SERIES - TITANIUM AND TITANIUM ALLOYS - TEST METHODS - PART 010: SAMPLING FOR DETERMINATION OF HYDROGEN CONTENT  | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 321693              | ELEMENT MATERIALS TECHNOLOGY   | 14805 YORKTOWN PLAZA DRIVE  | 77040                  | HOUSTON                | US                    | EN2003-9      | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION          | LOW           | QUALIFIED WITH LIMITATIONS |                 | Method A only                                                                                                                             |                                       |
| 321693              | ELEMENT MATERIALS TECHNOLOGY   | 14805 YORKTOWN PLAZA DRIVE  | 77040                  | HOUSTON                | US                    | EN3114        | AEROSPACE SERIES - MICROSTRUCTURE OF (A+?) TITANIUM ALLOYS WROUGHT PRODUCTS - PART?1 2 3 AND 4                             | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 321693              | ELEMENT MATERIALS TECHNOLOGY   | 14805 YORKTOWN PLAZA DRIVE  | 77040                  | HOUSTON                | US                    | EN2002-1      | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | LIMITATION 1: WITHOUT YOUNG'S MODULUS<br>LIMITATION 2: INTERCHANGEABILITY PER ICY-CS-19772<br>NOTE - 2 WAYS WITH ASTM E2002-1 / ASTM B557 |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET           | 91730                  | RANCHO CUCAMONGA       | US                    | QVA-Z09-07-36 | DETERMINATION OF HYDROXIDE IN ALKALINE CLEANING BATHS                                                                      | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY   | HOLWICK ROAD RIVERSIDE PARK | TS2 1QS                | MIDDLESBROUGH          | GB                    | ASTME21       | STANDARD TEST METHODS FOR ELEVATED TEMPERATURE TENSION TESTS OF METALLIC MATERIALS                                         | LOW           | QUALIFIED                  |                 |                                                                                                                                           |                                       |

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| 276086              | 2MATECH                         | 19 AVENUE BLAISE PASCAL      | 63173                  | AUBIERE            | FR                    | AITM3-0013   | TESTING OF SUSCEPTIBILITY TO EXFOLIATION CORROSION IN 2XXX AND 7XXX SERIES WROUGHT ALUMINIUM ALLOY PRODUCTS                                                                                                      | LOW           | QUALIFIED                  |                 |                                 |                                       |
| 301462              | ETIM                            | ALLEE DU CHAFFAULT           | 44340                  | BOUGUENNAIS        | FR                    | IGC04-26-280 | SANDWICH LAMINATES BENDING TESTS (THE THREE-POINT METHOD)                                                                                                                                                        | LOW           | QUALIFIED                  |                 |                                 |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH      | JULIUS-LEBER-WEG 24          | 21684                  | STADE              | DE                    | ISO2286-2    | RUBBER- OR PLASTICS-COATED FABRICS - DETERMINATION OF ROLL CHARACTERISTICS - PART 2: METHODS FOR DETERMINATION OF THE TOTAL MASS PER UNIT AREA MASS PER UNIT AREA OF COATING AND MASS PER UNIT AREA OF SUBSTRATE | LOW           | QUALIFIED                  |                 |                                 |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH      | JULIUS-LEBER-WEG 24          | 21684                  | STADE              | DE                    | ISO4593      | PLASTICS ? FILM AND SHEETING ? DETERMINATION OF THE THICKNESS BY MECHANICAL SCANNING                                                                                                                             | LOW           | QUALIFIED                  |                 |                                 |                                       |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH      | JULIUS-LEBER-WEG 24          | 21684                  | STADE              | DE                    | ISO4592      | PLASTICS ? FILM AND SHEETING ? DETERMINATION OF LENGTH AND WIDTH                                                                                                                                                 | LOW           | QUALIFIED                  |                 |                                 |                                       |
| 305214              | GMA-WERKSTOFFPRUEFUNG GMBH      | WERFTSTR. 1                  | 26954                  | NORDENHAM          | DE                    | ISO48-4      | RUBBER VULCANIZED OR THERMOPLASTIC - DETERMINATION OF HARDNESS - PART 4: INDENTATION HARDNESS BY DUROMETER METHOD (SHORE HARDNESS)                                                                               | LOW           | QUALIFIED WITH LIMITATIONS |                 | ONLY SHORE A                    |                                       |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE | ZUR AUMUNDSWIESE 2           | 28279                  | BREMEN             | DE                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                                                                                | LOW           | QUALIFIED WITH LIMITATIONS |                 | Also according to AIP104-00-005 |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA    | RD DE LA FONT DEL CAME SN    | 08193                  | BELLATERRA         | ES                    | ASTME21      | STANDARD TEST METHODS FOR ELEVATED TEMPERATURE TENSION TESTS OF METALLIC MATERIALS                                                                                                                               | LOW           | QUALIFIED                  |                 |                                 |                                       |
| 298998              | ELEMENT MATERIALS TECHNOLOGY    | 5405 EAST SCHAAF ROAD        | 44131                  | CLEVELAND          | US                    | EN2003-9     | AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION                                                                                                | LOW           | QUALIFIED WITH LIMITATIONS |                 | "LIMITED TO METHOD "A"          | 21/11/2022                            |
| 298897              | FUNDACION CENTRO TECNOLOGICO    | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO    | ES                    | ISO48-4      | RUBBER VULCANIZED OR THERMOPLASTIC - DETERMINATION OF HARDNESS - PART 4: INDENTATION HARDNESS BY DUROMETER METHOD (SHORE HARDNESS)                                                                               | LOW           | QUALIFIED                  |                 |                                 |                                       |
| 169755              | IMA MATERIALFORSCHUNG UND       | WILHELMINE-REICHARD-RING 4   | 01109                  | DRESDEN            | DE                    | EN2564       | AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS                                                                                                                   | LOW           | QUALIFIED WITH LIMITATIONS |                 | - Method B                      |                                       |

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| 169755              | IMA MATERIALFORSC HUNG UND   | WILHELMINE-REICHARD-RING 4    | 01109                  | DRESDEN            | DE                    | EN2823       | FIBRE REINFORCED PLASTICS - DETERMINATION OF THE EFFECT OF EXPOSURE TO HUMID ATMOSPHERE                                                                        | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK   | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME2465    | STANDARD TEST METHOD FOR ANALYSIS OF NI-BASE ALLOYS BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY                                                   | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK   | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD      | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK   | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME1941    | DETERMINATION OF CARBON IN REFRACTORY AND REACTIVE METALS AND THEIR ALLOYS BY COMBUSTION ANALYSIS                                                              | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK   | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME1019    | STANDARD TEST METHOD FOR DETERMINATION OF CARBON SULFUR NITROGEN AND OXYGEN IN STEEL IRON NICKEL AND COBALT ALLOYS BY VARIOUS COMBUSTION AND FUSION TECHNIQUES | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK   | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME2371    | STANDARD TEST METHOD FOR ANALYSIS OF TITANIUM AND TITANIUM ALLOYS BY ATOMIC EMISSION PLASMA SPECTROMETRY                                                       | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305665              | A2M INDUSTRIE                | ZA DU PARC - SECTEUR GAMPILLE | 42490                  | FRAISSES           | FR                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                                       | LOW           | QUALIFIED                  |                 |                           |                                       |
| 305665              | A2M INDUSTRIE                | ZA DU PARC - SECTEUR GAMPILLE | 42490                  | FRAISSES           | FR                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                           | LOW           | QUALIFIED WITH LIMITATIONS |                 | Limited to method A & D   |                                       |
| 305665              | A2M INDUSTRIE                | ZA DU PARC - SECTEUR GAMPILLE | 42490                  | FRAISSES           | FR                    | ASTME399     | STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS                                                                                 | HIGH          | QUALIFIED                  |                 |                           | 10/06/2022                            |
| 305665              | A2M INDUSTRIE                | ZA DU PARC - SECTEUR GAMPILLE | 42490                  | FRAISSES           | FR                    | EN2002-5     | TEST METHODS FOR METALLIC MATERIALS - PART 5 : UNINTERRUPTED CREEP AND STRESS-RUPTURE TESTING                                                                  | LOW           | QUALIFIED                  |                 |                           | 15/11/2022                            |
| 318843              | ELEMENT MATERIALS TECHNOLOGY | HOLWICK ROAD RIVERSIDE PARK   | TS2 1QS                | MIDDLESBROUGH      | GB                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                                | LOW           | QUALIFIED                  |                 |                           |                                       |

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| 147145              | BUREAU VERITAS LABORATOIRES         | ZA DES BETHUNES                 | 95310                  | SAINT-OUEN L'AUMONE              | FR                    | ISO6892      | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE | LOW           | QUALIFIED WITH LIMITATIONS |                 | RESTRICTED TO PART 2                                            |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS         | CR DE SANLUCAR KM. 7            | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME975     | STANDARD PRACTICE FOR X-RAY DETERMINATION OF RETAINED AUSTENITE IN STEEL WITH NEAR RANDOM CRYSTALLOGRAPHIC ORIENTATION                                                     | HIGH          | QUALIFIED                  |                 |                                                                 |                                       |
| 312060              | ACEM.S.L.                           | CL ARBOLEDA N14 LOCAL 114       | 28031                  | MADRID                           | ES                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                                                                                          | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 312060              | ACEM.S.L.                           | CL ARBOLEDA N14 LOCAL 114       | 28031                  | MADRID                           | ES                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 311578              | APPLUS SHANGHAI                     | 3999 XIU PU RD NAN HUI          | 201315                 | SHANGHAI                         | CN                    | ASTME45      | STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL                                                                                                       | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39                | 301 00                 | PLZEN                            | CZ                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39                | 301 00                 | PLZEN                            | CZ                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                                                                                          | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 310669              | LABORATORY TESTING INC              | 2331 TOPAZ DRIVE                | 19440                  | HATFIELD                         | US                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 310669              | LABORATORY TESTING INC              | 2331 TOPAZ DRIVE                | 19440                  | HATFIELD                         | US                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                                                                                          | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 300081              | AEROTECH LABORATORIES LTD           | UNIT 20 MERCIA BUSINESS VILLAGE | CV4 8HX                | COVENTRY                         | GB                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                                                                 | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO QVA-Z10-59-01 (RESTRICTED TO LEGACY PROGRAMS) | 05/10/2022                            |
| 147145              | BUREAU VERITAS LABORATOIRES         | ZA DES BETHUNES                 | 95310                  | SAINT-OUEN L'AUMONE              | FR                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                 |                                       |



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| 147145              | BUREAU VERITAS LABORATOIRES    | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 147145              | BUREAU VERITAS LABORATOIRES    | ZA DES BETHUNES       | 95310                  | SAINT-OUEN L'AUMONE | FR                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                              | LOW           | QUALIFIED            |                 |                           |                                       |
| 310645              | AZTERLAN                       | 6 ALIENDALDE          | 48200                  | DURANGO             | ES                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 310645              | AZTERLAN                       | 6 ALIENDALDE          | 48200                  | DURANGO             | ES                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 316971              | TESTCORP (LAKE FOREST)         | 26211 DIMENSION DRIVE | 92630                  | CALIFORNIA          | US                    | AITM2-0003   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 15 S HORIZONTAL BUNSEN BURNER TEST | LOW           | QUALIFIED            |                 |                           |                                       |
| 316971              | TESTCORP (LAKE FOREST)         | 26211 DIMENSION DRIVE | 92630                  | CALIFORNIA          | US                    | AITM2-0004   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 45° BUNSEN BURNER TEST        | LOW           | QUALIFIED            |                 |                           |                                       |
| 316971              | TESTCORP (LAKE FOREST)         | 26211 DIMENSION DRIVE | 92630                  | CALIFORNIA          | US                    | AITM2-0005   | RESISTANCE OF MATERIALS WHEN TESTED ACCORDING TO THE 30 S 60° BUNSEN BURNER TEST        | LOW           | QUALIFIED            |                 |                           |                                       |
| 316971              | TESTCORP (LAKE FOREST)         | 26211 DIMENSION DRIVE | 92630                  | CALIFORNIA          | US                    | AITM2-0038   | FLAMMABILITY OF NONMETALLIC HEAT SHRINKABLE TUBINGS - SMALL BURNER TEST 60° -           | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI               | 185 RUE DE BIELLE     | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                         | LOW           | QUALIFIED            |                 |                           |                                       |
| 296665              | LABORATOIRE ECCI               | 185 RUE DE BIELLE     | 64121                  | SERRES-CASTET CEDEX | FR                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                       | LOW           | QUALIFIED            |                 |                           |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC | 9820 SIXTH STREET     | 91730                  | RANCHO CUCAMONGA    | US                    | EN2003-7     | AEROSPACE SERIES - TEST METHODS FOR METALLIC MATERIALS ?PART 8 : MACROGRAPHIC TEST      | NA            | QUALIFIED            |                 |                           |                                       |

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| 307768              | ATLAS TESTING LABORATORIES INC      | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA       | US                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | HRB AND HRC                     | 16/09/2022                            |
| 307768              | ATLAS TESTING LABORATORIES INC      | 9820 SIXTH STREET    | 91730                  | RANCHO CUCAMONGA       | US                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                 | LOW           | QUALIFIED                              |                 |                                 | 20/09/2022                            |
| 295929              | INCOTEST                            | HOLMER ROAD          | HR4 9SL                | HEREFORD               | GB                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                 | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 295929              | INCOTEST                            | HOLMER ROAD          | HR4 9SL                | HEREFORD               | GB                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | AUTHORISED TO PROCEED                  | 31/12/2022      |                                 |                                       |
| 303102              | AMPP SERVICES LTD                   | 2D MERLIN COURT      | CB6 3NX                | ELY                    | GB                    | EN2003-7     | AEROSPACE SERIES - TEST METHODS FOR METALLIC MATERIALS ?PART 8 : MACROGRAPHIC TEST                              | NA            | QUALIFIED                              |                 |                                 |                                       |
| 310716              | CINCINNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCINNATI             | US                    | ISO14130     | FIBRE REINFORCED PLASTIC COMPOSITES: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH BY SHORT BEAM METHOD | LOW           | AUTHORISED TO PROCEED                  | 31/01/2023      |                                 | 21/11/2022                            |
| 298894              | ANACHEM LABORATORIES                | 140 STANDARD STREET  | 90245                  | EL SEGUNDO             | US                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                      | LOW           | QUALIFIED                              |                 |                                 |                                       |
| 276093              | DICKSON TESTING CO INC              | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                 | LOW           | QUALIFIED                              |                 |                                 | 31/03/2022                            |
| 276093              | DICKSON TESTING CO INC              | 11126 PALMER AVENUE  | 90280                  | SOUTH GATE LOS ANGELES | US                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | QUALIFIED                              |                 |                                 | 31/03/2022                            |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39     | 301 00                 | PLZEN                  | CZ                    | ASTME21      | STANDARD TEST METHODS FOR ELEVATED TEMPERATURE TENSION TESTS OF METALLIC MATERIALS                              | LOW           | QUALIFIED WITH LIMITATIONS             |                 | NOT QUALIFIED FOR YOUNG MODULUS | 11/10/2022                            |
| 295788              | METCUT RESEARCH ASSOCIATES INC      | 3980 ROSSLYN DRIVE   | 45209-1196             | CINCINNATI             | US                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | QUALIFIED WITH LIMITATIONS             |                 | HRC ONLY                        |                                       |

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| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET   | 92649                  | HUNTINGTON                       | US                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                    | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 276086              | 2MATECH                      | 19 AVENUE BLAISE PASCAL    | 63173                  | AUBIERE                          | FR                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                    | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 276086              | 2MATECH                      | 19 AVENUE BLAISE PASCAL    | 63173                  | AUBIERE                          | FR                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                                                  | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 276086              | 2MATECH                      | 19 AVENUE BLAISE PASCAL    | 63173                  | AUBIERE                          | FR                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                         | LOW           | AUTHORISED TO PROCEED      | 31/03/2023      |                                                                 | 10/10/2022                            |
| 298999              | SYSTEMES PRODUITS ANALYSES   | 59 RUE DU MARECHAL LECLERC | 28110                  | LUCE                             | FR                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                         | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH  | WERFTSTR. 1                | 26954                  | NORDENHAM                        | DE                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                         | LOW           | QUALIFIED WITH LIMITATIONS |                 | ALSO ACCORDING TO QVA-Z10-59-01 (RESTRICTED TO LEGACY PROGRAMS) |                                       |
| 276095              | DIRATS LABORATORIES          | 41 AIRPORT ROAD            | 01085                  | WESTFIELD                        | US                    | EN2003-7     | AEROSPACE SERIES - TEST METHODS FOR METALLIC MATERIALS ?PART 8 : MACROGRAPHIC TEST                                                 | NA            | AUTHORISED TO PROCEED      | 31/01/2023      |                                                                 | 22/11/2022                            |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7       | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO868       | PLASTICS AND EBONITE - DETERMINATION OF INDENTATION HARDNESS BY MEANS OF A DUROMETER (SHORE HARDNESS)                              | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7       | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTMD2240    | STANDARD TEST METHOD FOR RUBBER PROPERTY ? DUROMETER HARDNESS                                                                      | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7       | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO48-4      | RUBBER VULCANIZED OR THERMOPLASTIC - DETERMINATION OF HARDNESS - PART 4: INDENTATION HARDNESS BY DUROMETER METHOD (SHORE HARDNESS) | LOW           | QUALIFIED                  |                 |                                                                 |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7       | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0034   | COMBINED DETERMINATION OF FREE HYDROXIDE AND ALUMINIUM IN ALKALINE SURFACE TREATMENT BATHS                                         | LOW           | QUALIFIED WITH LIMITATIONS |                 | Limited to Free Hydroxide detection                             |                                       |

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| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0035   | DETERMINATION OF CHLORIDE CONTAMINATIONS IN SURFACE TREATMENT BATHS                                                                | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0036   | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                                                          | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0037   | DETERMINATION OF PHOSPHORIC AND SULPHURIC ACID IN ANODIZING ELECTROLYTES                                                           | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM3-0038   | DETERMINATION OF NON-VOLATILE-RESIDUE                                                                                              | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                       | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                         | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ISO7724-3    | PAINTS AND COATINGS ? PART 3: DETERMINATION OF COLOUR DIFFERENCES                                                                  | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME290     | STANDARD TEST METHODS FOR BEND TESTING OF MATERIAL FOR DUCTILITY                                                                   | LOW           | QUALIFIED             |                 |                           |                                       |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTMB565     | STANDARD TEST METHOD FOR SHEAR TESTING OF ALUMINUM AND ALUMINUM-ALLOY RIVETS AND COLD-HEADING WIRE AND RODS                        | LOW           | QUALIFIED             |                 |                           |                                       |
| 310716              | CINCNATI TESTING LABORATORIES INC | 1775 CARILLON BLVD   | 45240-2805             | CINCNATI                         | US                    | ISO48-4      | RUBBER VULCANIZED OR THERMOPLASTIC - DETERMINATION OF HARDNESS - PART 4: INDENTATION HARDNESS BY DUROMETER METHOD (SHORE HARDNESS) | LOW           | AUTHORISED TO PROCEED | 31/01/2023      |                           | 21/11/2022                            |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7 | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                                                  | LOW           | QUALIFIED             |                 |                           |                                       |

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| 257831              | WESTMORELAND MECHANICAL      | 19 WILDMERE ROAD             | OX16 3JU               | BANBURY, OXON                    | GB                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                      | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 257831              | WESTMORELAND MECHANICAL      | 19 WILDMERE ROAD             | OX16 3JU               | BANBURY, OXON                    | GB                    | ISO6507      | METALLIC MATERIALS - VICKERS HARDNESS TEST                                                                      | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 311578              | APPLUS SHANGHAI              | 3999 XIU PU RD NAN HUI       | 201315                 | SHANGHAI                         | CN                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                 | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 311578              | APPLUS SHANGHAI              | 3999 XIU PU RD NAN HUI       | 201315                 | SHANGHAI                         | CN                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 311578              | APPLUS SHANGHAI              | 3999 XIU PU RD NAN HUI       | 201315                 | SHANGHAI                         | CN                    | ASTME139     | STANDARD TEST METHODS FOR CONDUCTING CREEP CREEP-RUPTURE AND STRESS-RUPTURE TESTS OF METALLIC MATERIALS         | LOW           | QUALIFIED                              |                 |                                                   | 15/11/2022                            |
| 276249              | TITANIA ENSAYOS Y PROYECTOS  | CR DE SANLUCAR KM. 7         | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                 | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/01/2023      | NOT QUALIFIED FOR YOUNG MODULUS AND ELONGATION 4D | 14/09/2022                            |
| 286347              | LGAI TECHNOLOGICAL CENTER SA | RD DE LA FONT DEL CAME SN    | 08193                  | BELLATERRA                       | ES                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                 | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 298897              | FUNDACION CENTRO TECNOLÓGICO | MONTANANA PARCELAS R 60 R 61 | 09200                  | MIRANDA DE EBRO                  | ES                    | ASTMD2240    | STANDARD TEST METHOD FOR RUBBER PROPERTY ? DUROMETER HARDNESS                                                   | LOW           | QUALIFIED WITH LIMITATIONS             |                 | Type A & D                                        |                                       |
| 306790              | APPLUS ILLESCAS              | CL HISTORIA (NAVES 7 Y 8)    | 45200                  | ILLESCAS                         | ES                    | ISO14130     | FIBRE REINFORCED PLASTIC COMPOSITES: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH BY SHORT BEAM METHOD | LOW           | QUALIFIED                              |                 |                                                   |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET     | 92649                  | HUNTINGTON                       | US                    | EN2003-7     | AEROSPACE SERIES - TEST METHODS FOR METALLIC MATERIALS ?PART 8 : MACROGRAPHIC TEST                              | NA            | QUALIFIED                              |                 |                                                   |                                       |
| 309680              | ELEMENT MATERIALS TECHNOLOGY | 15062 BOLSA CHICA STREET     | 92649                  | HUNTINGTON                       | US                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | QUALIFIED                              |                 |                                                   |                                       |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY        | CL WILBURG Y ORVILLE WRIGHT 1       | 41309                  | LA RINCONADA           | ES                    | ISO14130     | FIBRE REINFORCED PLASTIC COMPOSITES: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH BY SHORT BEAM METHOD | LOW           | QUALIFIED                  |                 |                           |                                       |
| 300086              | FUNDACION TECNALIA RESEARCH & INNOV | PARQUE TECNOLOGICO DE SAN SEBASTIAN | 20009                  | DONOSTIA-SAN SEBASTIAN | ES                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                      | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY        | HOLWICK ROAD RIVERSIDE PARK         | TS2 1QS                | MIDDLESBROUGH          | GB                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318843              | ELEMENT MATERIALS TECHNOLOGY        | HOLWICK ROAD RIVERSIDE PARK         | TS2 1QS                | MIDDLESBROUGH          | GB                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 301462              | ETIM                                | ALLEE DU CHAFFAULT                  | 44340                  | BOUGUENAIS             | FR                    | ISO14130     | FIBRE REINFORCED PLASTIC COMPOSITES: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH BY SHORT BEAM METHOD | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY        | LAHNSTR. 26                         | 45478                  | MUELHEIM AN DER RUHR   | DE                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |
| 318888              | ELEMENT MATERIALS TECHNOLOGY        | LAHNSTR. 26                         | 45478                  | MUELHEIM AN DER RUHR   | DE                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | QUALIFIED                  |                 |                           | 13/09/2022                            |
| 169755              | IMA MATERIALFORSC HUNG UND          | WILHELMINE-REICHARD-RING 4          | 01109                  | DRESDEN                | DE                    | ISO14130     | FIBRE REINFORCED PLASTIC COMPOSITES: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH BY SHORT BEAM METHOD | LOW           | QUALIFIED                  |                 |                           |                                       |
| 169755              | IMA MATERIALFORSC HUNG UND          | WILHELMINE-REICHARD-RING 4          | 01109                  | DRESDEN                | DE                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | QUALIFIED                  |                 |                           |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD           | SOUTH STREET                        | BD21 1EG               | KEIGHLEY               | GB                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                               | LOW           | QUALIFIED WITH LIMITATIONS |                 | HRB AND HRC               |                                       |
| 260077              | KEIGHLEY LABORATORIES LTD           | SOUTH STREET                        | BD21 1EG               | KEIGHLEY               | GB                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                 | LOW           | QUALIFIED                  |                 |                           |                                       |

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| 277364              | ELEMENT MATERIALS TECHNOLOGY     | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                                 | LOW           | QUALIFIED                  |                 |                                                                      |                                       |
| 277364              | ELEMENT MATERIALS TECHNOLOGY     | CL WILBURG Y ORVILLE WRIGHT 1 | 41309                  | LA RINCONADA       | ES                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                      |                                       |
| 276098              | WESTMORELAND MECANICAL TESTING & | 221 WESTMORELAND DRIVE        | 15696                  | YOUNGSTOWN         | US                    | EN2003-7     | AEROSPACE SERIES - TEST METHODS FOR METALLIC MATERIALS ?PART 8 : MACROGRAPHIC TEST                                                                                         | NA            | QUALIFIED                  |                 |                                                                      |                                       |
| 276098              | WESTMORELAND MECANICAL TESTING & | 221 WESTMORELAND DRIVE        | 15696                  | YOUNGSTOWN         | US                    | ASTME10      | STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                      |                                       |
| 276098              | WESTMORELAND MECANICAL TESTING & | 221 WESTMORELAND DRIVE        | 15696                  | YOUNGSTOWN         | US                    | ASTME18      | STANDARD TEST METHODS FOR ROCKWELL HARDNESS OF METALLIC MATERIALS                                                                                                          | LOW           | QUALIFIED                  |                 |                                                                      |                                       |
| 294328              | AEROFIN LABORATORIES LTD         | 68 A&E LOVE LANE              | TA8 1EY                | BURNHAM-ON-SEA     | GB                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                                                                 | LOW           | QUALIFIED                  |                 |                                                                      |                                       |
| 147019              | ELEMENT MATERIALS TECHNOLOGY     | 3 AVENUE ANDRE MARIE AMPERE   | 31770                  | COLOMIERS          | FR                    | ISO6892      | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE | LOW           | QUALIFIED                  |                 |                                                                      |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO     | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | EN2561       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION                                                                                                  | LOW           | QUALIFIED                  |                 |                                                                      |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO     | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | EN2850       | CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR                                                                   | HIGH          | QUALIFIED WITH LIMITATIONS |                 | ""LIMITED TO TYPE B TEST PIECE"" / MODULUS CALCULATION NOT INCLUDED" |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO     | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                                                                                                | LOW           | QUALIFIED                  |                 |                                                                      |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO     | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | AITM1-0024   | DETERMINATION OF THE COMPLETENESS OF CURE OF ORGANIC COATINGS                                                                                                              | LOW           | QUALIFIED                  |                 |                                                                      |                                       |

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| 298897              | FUNDACION CENTRO TECNOLOGICO        | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | ISO527-4     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 4: TEST CONDITIONS FOR ISOTROPIC AND ORTHOTROPIC FIBER REINFORCED PLASTIC COMPOSITES                                 | LOW           | QUALIFIED                              |                 |                                                                                                                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO        | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | ISO527-5     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 5: TEST CONDITIONS FOR UNIDIRECTIONAL FIBRE-REINFORCED PLASTIC COMPOSITES                                            | LOW           | QUALIFIED                              |                 |                                                                                                                           |                                       |
| 298897              | FUNDACION CENTRO TECNOLOGICO        | MONTANANA PARCELAS R 60 R 61  | 09200                  | MIRANDA DE EBRO    | ES                    | ISO2818      | PLASTICS ? PREPARATION OF TEST SPECIMENS BY MACHINING                                                                                                                      | LOW           | QUALIFIED WITH LIMITATIONS             |                 | Limited to internal machining needs at CTME                                                                               |                                       |
| 306790              | APPLUS ILLESCAS                     | CL HISTORIA (NAVES 7 Y 8)     | 45200                  | ILLESCAS           | ES                    | AITM1-0002   | FIBRE REINFORCED PLASTICSDETERMINATION OF IN-PLANE-SHEAR PROPERTIES                                                                                                        | LOW           | QUALIFIED                              |                 |                                                                                                                           |                                       |
| 161203              | GACHES CHIMIE SPECIALITES           | 8 RUE LABOUCHE                | 31084                  | TOULOUSE CEDEX     | FR                    | AITM3-0036   | DETERMINATION OF HYDROGEN IONS IN SURFACE TREATMENT BATHS                                                                                                                  | LOW           | QUALIFIED                              |                 |                                                                                                                           |                                       |
| 311578              | APPLUS SHANGHAI                     | 3999 XIU PU RD NAN HUI        | 201315                 | SHANGHAI           | CN                    | ASTME238     | STANDARD TEST METHOD FOR PIN-TYPE BEARING TEST OF METALLIC MATERIALS                                                                                                       | HIGH          | QUALIFIED WITH LIMITATIONS             |                 | Limited to Soft Metals                                                                                                    |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA        | RD DE LA FONT DEL CAME SN     | 08193                  | BELLATERRA         | ES                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                              |                 |                                                                                                                           |                                       |
| 286347              | LGAI TECHNOLOGICAL CENTER SA        | RD DE LA FONT DEL CAME SN     | 08193                  | BELLATERRA         | ES                    | ISO6892      | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE | LOW           | QUALIFIED WITH LIMITATIONS             |                 | Limited to room temperature                                                                                               |                                       |
| 304743              | ELEMENT MATERIALS TECHNOLOGY PILSEN | PODNIKATELSKA 39              | 301 00                 | PLZEN              | CZ                    | EN2003-5     | TEST METHODS FOR STEEL PRODUCTS - PART 5 : CHARPY IMPACT TEST (V NOTCH)                                                                                                    | LOW           | QUALIFIED                              |                 |                                                                                                                           |                                       |
| 276098              | WESTMORELAND MECHANICAL TESTING &   | 221 WESTMORELAND DRIVE        | 15696                  | YOUNGSTOWN         | US                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                                                     | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/12/2022      | EXCLUDING TUBULAR SPECIMEN IN TITANIUM ALLOYS INTERCHANGEABILITY PER ICY-CS-19772 NOTE- 2 WAYS WITH ASTM B557 AND ASTM E8 | 17/03/2022                            |
| 305665              | A2M INDUSTRIE                       | ZA DU PARC - SECTEUR GAMPILLE | 42490                  | FRAISSES           | FR                    | ASTME3       | STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS                                                                                                                 | LOW           | QUALIFIED                              |                 |                                                                                                                           |                                       |



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| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | AITM1-0002   | FIBRE REINFORCED PLASTICSDETERMINATION OF IN-PLANE-SHEAR PROPERTIES                           | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | NOT INCLUDING NDT VERIFICATION                                                                                            | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | AITM1-0007   | FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD       | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | NOT INCLUDING NDT VERIFICATION                                                                                            | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | AITM1-0008   | FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD  | HIGH          | AUTHORISED TO PROCEED WITH LIMITATIONS | 30/03/2023      | SPECIMENS TYPES B, C AND D ONLY - NOT INCLUDING NDT VERIFICATION                                                          | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | AITM1-0018   | SANDWICH FLEXURAL TEST 4-POINT BENDING                                                        | LOW           | AUTHORISED TO PROCEED                  | 31/03/2023      |                                                                                                                           | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | AITM1-0019   | DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS                               | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | ONLY INCLUDING MACHINING AND TESTING OF SPECIMENS (NOT INCLUDING SPECIMEN PREPARATION NOR AGEING OF SPECIMEN)             | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | AITM1-0025   | FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL                   | LOW           | AUTHORISED TO PROCEED                  | 31/03/2023      |                                                                                                                           | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | EN2243-1     | STRUCTURAL ADHESIVES SINGLE LAP SHEAR                                                         | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | ONLY INCLUDING CUTTING AND TESTING OF SPECIMENS (NOT INCLUDING SAMPLE MANUFACTURING WITH SURFACE PREPARATION AND BONDING) | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | EN2243-2     | STRUCTURAL ADHESIVES PEEL METAL-METAL FLOATING ROLLER                                         | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | ONLY INCLUDING CUTTING AND TESTING OF SPECIMENS (NOT INCLUDING SAMPLE MANUFACTURING WITH SURFACE PREPARATION AND BONDING) | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | EN2243-4     | STRUCTURAL ADHESIVES METAL-HONEYCOMB- CORE FLATWISE TENSILE TEST                              | LOW           | AUTHORISED TO PROCEED                  | 31/03/2023      |                                                                                                                           | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | EN2378       | AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF WATER ABSORPTION BY IMMERSION | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | WITHOUT FIBER CONTENT DETERMINATION. WITHOUT SPECIMEN MANUFACTURING                                                       | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL | 14 BAYHILL DRIVE     | 15650                  | LATROBE            | US                    | EN2557       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA          | LOW           | AUTHORISED TO PROCEED                  | 31/03/2023      |                                                                                                                           | 04/10/2022                            |

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| 330227              | WESTMORELAND MECHANICAL           | 14 BAYHILL DRIVE                  | 15650                  | LATROBE              | US                    | EN2558       | AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT                                                                                     | LOW           | AUTHORISED TO PROCEED      | 31/03/2023      |                                                                                          | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL           | 14 BAYHILL DRIVE                  | 15650                  | LATROBE              | US                    | EN2559       | CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA                                                             | LOW           | AUTHORISED TO PROCEED      | 31/03/2023      |                                                                                          | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL           | 14 BAYHILL DRIVE                  | 15650                  | LATROBE              | US                    | EN2563       | CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                                                                     | LOW           | AUTHORISED TO PROCEED      | 31/03/2023      |                                                                                          | 04/10/2022                            |
| 330846              | ADVANCED METALLURGICAL LABORATORY | NO 6C VEERASANDRA INDUSTRIAL AREA | 560100                 | BENGALURU            | IN                    | ASTME8       | STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS                                                                                                            | LOW           | QUALIFIED                  |                 |                                                                                          | 07/04/2022                            |
| 147019              | ELEMENT MATERIALS TECHNOLOGY      | 3 AVENUE ANDRE MARIE AMPERE       | 31770                  | COLOMIERS            | FR                    | AITM1-0040   |                                                                                                                                                                            |               | QUALIFIED WITH LIMITATIONS |                 | PART 2 only (Hole drilling method) with Type A rosette / Tests on specimens not included |                                       |
| 305665              | A2M INDUSTRIE                     | ZA DU PARC - SECTEUR GAMPILLE     | 42490                  | FRAISSES             | FR                    | ASTME407     | TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS                                                                                                                         | LOW           | QUALIFIED                  |                 |                                                                                          |                                       |
| 305665              | A2M INDUSTRIE                     | ZA DU PARC - SECTEUR GAMPILLE     | 42490                  | FRAISSES             | FR                    | ISO6892      | METALLIC MATERIALS - TENSILE TESTING - PART 1: METHOD OF TEST AT ROOM TEMPERATURE PART 2: METHOD OF TEST AT ELEVATED TEMPERATURE PART 3: METHOD OF TEST AT LOW TEMPERATURE | LOW           | QUALIFIED WITH LIMITATIONS |                 | incl. ISO 6892-1 and -2                                                                  |                                       |
| 305665              | A2M INDUSTRIE                     | ZA DU PARC - SECTEUR GAMPILLE     | 42490                  | FRAISSES             | FR                    | ISO6506      | METALLIC MATERIALS - BRINELL HARDNESS TEST                                                                                                                                 | LOW           | QUALIFIED                  |                 |                                                                                          |                                       |
| 305665              | A2M INDUSTRIE                     | ZA DU PARC - SECTEUR GAMPILLE     | 42490                  | FRAISSES             | FR                    | ISO6508      | METALLIC MATERIALS - ROCKWELL HARDNESS TEST                                                                                                                                | LOW           | QUALIFIED                  |                 |                                                                                          |                                       |
| 150147              | CRITT MATERIAUX INNOVATION        | 9 RUE CLAUDE CHRETIEN             | 08000                  | CHARLEVILLE MEZIERES | FR                    | ASTME1409    | STANDARD TEST METHOD FOR DETERMINATION OF OXYGEN AND NITROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION TECHNIQUE                                            | LOW           | AUTHORISED TO PROCEED      | 31/01/2023      |                                                                                          | 25/11/2022                            |
| 321693              | ELEMENT MATERIALS TECHNOLOGY      | 14805 YORKTOWN PLAZA DRIVE        | 77040                  | HOUSTON              | US                    | ASTME1447    | STANDARD TEST METHOD FOR DETERMINATION OF HYDROGEN IN TITANIUM AND TITANIUM ALLOYS BY THE INERT GAS FUSION THERMAL CONDUCTIVITY/INFRARED DETECTION METHOD                  | LOW           | QUALIFIED                  |                 |                                                                                          |                                       |

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| 309680              | ELEMENT MATERIALS TECHNOLOGY      | 15062 BOLSA CHICA STREET          | 92649                  | HUNTINGTON                       | US                    | ASTMB923     | STANDARD TEST METHOD FOR METAL POWDER SKELETAL DENSITY BY HELIUM OR NITROGEN PYCNOMETRY                                   | LOW           | QUALIFIED                  |                 |                                                                                |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH       | WERFTSTR. 1                       | 26954                  | NORDENHAM                        | DE                    | ASTMD1125    | STANDARD TEST METHODS FOR ELECTRICAL CONDUCTIVITY AND RESISTIVITY OF WATER                                                | LOW           | QUALIFIED WITH LIMITATIONS |                 | LIMITED TO METHOD A                                                            |                                       |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH       | WERFTSTR. 1                       | 26954                  | NORDENHAM                        | DE                    | ASTMD1293    | STANDARD TEST METHODS FOR PH OF WATER                                                                                     | LOW           | QUALIFIED WITH LIMITATIONS |                 | LIMITED TO METHOD B                                                            |                                       |
| 310669              | LABORATORY TESTING INC            | 2331 TOPAZ DRIVE                  | 19440                  | HATFIELD                         | US                    | ASTME1086    | STANDARD TEST METHOD FOR ANALYSIS OF AUSTENITIC STAINLESS STEEL BY SPARK ATOMIC EMISSION SPECTROMETRY                     | LOW           | QUALIFIED                  |                 |                                                                                |                                       |
| 307768              | ATLAS TESTING LABORATORIES INC    | 9820 SIXTH STREET                 | 91730                  | RANCHO CUCAMONGA                 | US                    | ASTME2371    | STANDARD TEST METHOD FOR ANALYSIS OF TITANIUM AND TITANIUM ALLOYS BY ATOMIC EMISSION PLASMA SPECTROMETRY                  | LOW           | QUALIFIED                  |                 |                                                                                | 27/10/2022                            |
| 294328              | AEROFIN LABORATORIES LTD          | 68 A&E LOVE LANE                  | TA8 1EY                | BURNHAM-ON-SEA                   | GB                    | ASTMF2111A   | STANDARD PRACTICE FOR MEASURING INTERGRANULAR ATTACK OR END GRAIN PITTING ON METALS CAUSED BY AIRCRAFT CHEMICAL PROCESSES | LOW           | QUALIFIED                  |                 |                                                                                | 28/02/2022                            |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7              | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | AITM1-0054   | DETERMINATION OF ORANGE PEEL                                                                                              | LOW           | QUALIFIED                  |                 |                                                                                | 18/03/2022                            |
| 257831              | WESTMORELAND MECHANICAL           | 19 WILDMERE ROAD                  | OX16 3JU               | BANBURY, OXON                    | GB                    | EN2002-5     | TEST METHODS FOR METALLIC MATERIALS - PART 5 - UNINTERRUPTED CREEP AND STRESS-RUPTURE TESTING                             | LOW           | QUALIFIED WITH LIMITATIONS |                 | "INCLUDING CREEP STRAIN TEST WITH EXTENSOMETER METHOD AND STRESS RUPTURE TEST" | 22/03/2022                            |
| 330846              | ADVANCED METALLURGICAL LABORATORY | NO 6C VEERASANDRA INDUSTRIAL AREA | 560100                 | BENGALURU                        | IN                    | ISO2808      | PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS                                                                    | LOW           | AUTHORISED TO PROCEED      | 30/11/2022      |                                                                                | 07/04/2022                            |
| 330846              | ADVANCED METALLURGICAL LABORATORY | NO 6C VEERASANDRA INDUSTRIAL AREA | 560100                 | BENGALURU                        | IN                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                              | LOW           | AUTHORISED TO PROCEED      | 30/11/2022      |                                                                                | 07/04/2022                            |
| 330846              | ADVANCED METALLURGICAL LABORATORY | NO 6C VEERASANDRA INDUSTRIAL AREA | 560100                 | BENGALURU                        | IN                    | ISO2409      | PAINTS AND VARNISHES - CROSS-CUT TEST                                                                                     | LOW           | AUTHORISED TO PROCEED      | 30/11/2022      |                                                                                | 07/04/2022                            |

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| 330846              | ADVANCED METALLURGICAL LABORATORY | NO 6C VEERASANDRA INDUSTRIAL AREA | 560100                 | BENGALURU                        | IN                    | ASTMB117     | STANDARD PRACTICE FOR OPERATING SALT SPRAY (FOG) APPARATUS                                                                                                     | LOW           | AUTHORISED TO PROCEED                  | 30/11/2022      |                                         | 07/04/2022                            |
| 276249              | TITANIA ENSAYOS Y PROYECTOS       | CR DE SANLUCAR KM. 7              | 11500                  | EL PUERTO DE SANTA MARIA (CADIZ) | ES                    | EN2377       | GLASS FIBRE REINFORCED PLASTICS; TEST METHOD: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH                                                            | LOW           | QUALIFIED                              |                 |                                         | 09/11/2022                            |
| 296665              | LABORATOIRE ECCI                  | 185 RUE DE BIELLE                 | 64121                  | SERRES-CASTET CEDEX              | FR                    | ASTME112     | STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE                                                                                                       | LOW           | QUALIFIED                              |                 |                                         | 18/11/2022                            |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH        | JULIUS-LEBERWEG 24                | 21684                  | STADE                            | DE                    | ISO11357-3   | PLASTICS ? DIFFERENTIAL SCANNING CALORIMETRY (DCS)/ PART 3 ? DETERMINATION OF TEMPERATURE AND ENTHALPY OF MELTING AND CRYSTALLIZATION                          | LOW           | QUALIFIED                              |                 |                                         | 27/07/2022                            |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH        | JULIUS-LEBERWEG 24                | 21684                  | STADE                            | DE                    | ISO527-4     | PLASTICS - DETERMINATION OF TENSILE PROPERTIES - PART 4: TEST CONDITIONS FOR ISOTROPIC AND ORTHOTROPIC FIBER REINFORCED PLASTIC COMPOSITES                     | LOW           | QUALIFIED WITH LIMITATIONS             |                 | EXCLUDING MACHINING OF TYPE 4 SPECIMENS | 20/05/2022                            |
| 262425              | GMA-WERKSTOFFPRUEFUNG GMBH        | JULIUS-LEBERWEG 24                | 21684                  | STADE                            | DE                    | ISO11357-2   | PLASTICS ? DIFFERENTIAL SCANNING CALORIMETRY (DCS)/ PART 2 ? DETERMINATION OF GLASS TRANSITION                                                                 | LOW           | QUALIFIED                              |                 |                                         | 27/07/2022                            |
| 309680              | ELEMENT MATERIALS TECHNOLOGY      | 15062 BOLSA CHICA STREET          | 92649                  | HUNTINGTON                       | US                    | NASM1312-11  | FASTENER TEST METHODS TENSION FATIGUE                                                                                                                          | HIGH          | QUALIFIED                              |                 |                                         | 07/06/2022                            |
| 147145              | BUREAU VERITAS LABORATOIRES       | ZA DES BETHUNES                   | 95310                  | SAINT-OUEN L'AUMONE              | FR                    | ASTME1019    | STANDARD TEST METHOD FOR DETERMINATION OF CARBON SULFUR NITROGEN AND OXYGEN IN STEEL IRON NICKEL AND COBALT ALLOYS BY VARIOUS COMBUSTION AND FUSION TECHNIQUES | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 09/12/2022      | IGF METHOD                              | 28/09/2022                            |
| 330227              | WESTMORELAND MECHANICAL           | 14 BAYHILL DRIVE                  | 15650                  | LATROBE                          | US                    | AITM1-0040   |                                                                                                                                                                |               | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | PART 2, HOLE DRILLING METHOD ONLY       | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL           | 14 BAYHILL DRIVE                  | 15650                  | LATROBE                          | US                    | ISO10119     | CARBON FIBRE - DETERMINATION OF DENSITY                                                                                                                        | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | METHOD A ONLY, WITHOUT PYCNOMETER       | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL           | 14 BAYHILL DRIVE                  | 15650                  | LATROBE                          | US                    | EN2597       | CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PERPENDICULAR TO THE FIBRE DIRECTION                                                                             | LOW           | AUTHORISED TO PROCEED                  | 31/03/2023      |                                         | 04/10/2022                            |

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| 330227              | WESTMORELAND MECHANICAL          | 14 BAYHILL DRIVE               | 15650                  | LATROBE            | US                    | ISO1183-1    | PLASTICS - METHODS FOR DETERMINING THE DENSITY OF NON-CELLULAR PLASTICS - PART 1: IMMERSION METHOD LIQUID PYKNOMETER METHOD AND TITRATION METHOD | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 31/03/2023      | METHOD A ONLY, WITHOUT PYCNOMETER                                | 04/10/2022                            |
| 330227              | WESTMORELAND MECHANICAL          | 14 BAYHILL DRIVE               | 15650                  | LATROBE            | US                    | EN2562       | CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION                                                                       | LOW           | AUTHORISED TO PROCEED                  | 31/03/2023      |                                                                  | 04/10/2022                            |
| 169755              | IMA MATERIALFORSC HUNG UND       | WILHELMINE-REICHARD-RING 4     | 01109                  | DRESDEN            | DE                    | ISO9227      | CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS                                                                                     | LOW           | QUALIFIED                              |                 |                                                                  | 02/11/2022                            |
| 305214              | GMA-WERKSTOFFPRUEFFUNG GMBH      | WERFTSTR. 1                    | 26954                  | NORDENHAM          | DE                    | ISO11885     | WATER QUALITY. DETERMINATION OF SELECTED ELEMENTS BY INDUCTIVELY COUPLED PLASMA OPTICAL EMISSION SPECTROMETRY (ICP-OES)                          | LOW           | QUALIFIED                              |                 |                                                                  | 04/08/2022                            |
| 143041              | BK WERKSTOFFTECHNIK PRUEFSTELLE  | ZUR AUMUNDSWIESE 2             | 28279                  | BREMEN             | DE                    | ISO8493      | METALLIC MATERIALS - TUBE - DRIFT-EXPANDING TEST                                                                                                 | LOW           | QUALIFIED                              |                 |                                                                  | 01/09/2022                            |
| 302737              | METAL IMPROVEMENT COMPANY        | 17 JIANGPU RD SIP SUZHOU CHINA | 215126                 | SUZHOU             | CN                    | EN2002-1     | TENSILE TESTING AT AMBIENT TEMPERATURE                                                                                                           | LOW           | QUALIFIED WITH LIMITATIONS             |                 | INTERCHANGEABILITY PER ICY-CS-19772 NOTE - 2 WAYS WITH ASTM B557 | 19/10/2022                            |
| 276098              | WESTMORELAND MECANICAL TESTING & | 221 WESTMORELAND DRIVE         | 15696                  | YOUNGSTOWN         | US                    | ASTME1268    | STANDARD PRACTICE FOR ASSESSING THE DEGREE OF BANDING OR ORIENTATION OF MICROSTRUCTURES                                                          | LOW           | AUTHORISED TO PROCEED                  | 31/03/2023      |                                                                  | 05/10/2022                            |
| 147019              | ELEMENT MATERIALS TECHNOLOGY     | 3 AVENUE ANDRE MARIE AMPERE    | 31770                  | COLOMIERS          | FR                    | ASTME1181    | STANDARD TEST METHODS FOR CHARACTERIZING DUPLEX GRAIN SIZES                                                                                      | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 28/02/2023      | COMPARISON METHOD ONLY                                           | 29/11/2022                            |
| 147019              | ELEMENT MATERIALS TECHNOLOGY     | 3 AVENUE ANDRE MARIE AMPERE    | 31770                  | COLOMIERS          | FR                    | ASTME930     | STANDARD TEST METHODS FOR ESTIMATING THE LARGEST GRAIN OBSERVED IN A METALLOGRAPHIC SECTION (ALA GRAIN SIZE)                                     | LOW           | AUTHORISED TO PROCEED WITH LIMITATIONS | 28/02/2023      | MEASURING PROCEDURE ONLY                                         | 29/11/2022                            |