

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|--|
| AECI-EDI | 9 | A | Tooth Control for Gears, Splines and Couplings; Gage Control and Gaging Instructions |
| AECI-EDI | 100 | A | Engineering Requirements For Reverse Engineering Of Components |
| AECI-EDI | 113 | A | Instructions For Safety Locking Devices |
| AECI-EDI | 200 | A | Standard Torque Limits |
| AECI-EDI | 212 | A | Rolling Element Bearing Requirements |
| AECI-EDI | 228 | B | Supplement to Engineering Drawings of Blades & Vanes |
| AECI-EDI | 261 | B | Turbine Wheel and Turbine Nozzle Assembly Area Measurement |
| AECI-EDI | 304 | B | Identification & Traceability Requirements for Critical Parts |
| AECI-EDI | 308 | B | Forging Drawing Design Requirements |
| AECI-EDI | 311 | A | In-Process and Finished Parts Accountability |
| AECI-EDI | 314 | B | Casting of Forging Source Pattern Approval - All Gas Turbine Commercial Only Product |
| AECI-EDI | 331 | B | Tracability record requirements for parts shipped from DDA |
| | | | |
| AECI-EDS | 733 | I/R | Supplier Engineering Data and Engineering Change Control |
| AECI-EDS | 1306 | B | Manufacturer Obligations After "Engineering Source Approval" Has Been Granted |
| AECI-EDS | 1358 | A | Bearing Supplier Engineering Data and Engineering Change Control Requirements |
| | | | |
| AECI-EDT | 503 | A | Casting Drawings |
| | | | |
| AECI-EIS | 333 | A | Annealing of Heat and Corrosion Resistant Alloys |
| AECI-EIS | 502 | B | Control and Testing of Forgings |
| AECI-EIS | 664 | B | Material Qualification Integral Turbine Nozzle Investment Castings |
| AECI-EIS | 675 | A | Material Qualification - General Procedure Iron Base, 'Nickel Base & Cobalt Base Investment Castings |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|-----------|-----|--|
| AECI-EIS | 675-6 | A | Material Qualification-General Procedure Iron Base, Nickel Base, and Cobalt Base Investment Castings |
| AECI-EIS | 697 | A | Visual Inspection of Critical Sealing Rings and Packings |
| AECI-EIS | 830 | A | Corrosion Testing and Inspection Procedure for Compressor Airfoils Material |
| AECI-EIS | 955 | A | Magnetic Particle Inspection Small Shafts |
| AECI-EIS | 981 | I/R | MAGNETIC PARTICLE INSPECTION SMALL SPUR GEARS AND SPUR SHAFTGEARS |
| AECI-EIS | 1000 | A | Magnetic Particle Inspection Bearing Cages |
| AECI-EIS | 1003 | A | Magnetic Particle Inspection Small Roller or Ball Bearing Races |
| AECI-EIS | 1017 | B | Magnetic Particle Inspection Studs, Bolts, Levers, Pins, Rollers |
| AECI-EIS | 1030 | A | Magnetic Particle Inspection Nuts, Washers, and Bushings |
| AECI-EIS | 1200 | A | Acceptance Criteria for Fusion Welds |
| AECI-EIS | 1200 STUD | B | Percussion Stud Welds – Proof Load Inspection |
| AECI-EIS | 1201 | B | Evaluation & Acceptance Criteria - Brazed Joints |
| AECI-EIS | 1500 | I/R | ETCH INSPECTION - DETECTION OF WHITE LAYER ON NITRIDED STEEL PARTS |
| AECI-EIS | 1510 | C | Etch Inspection For Detecting Grinding Defects On Hardened Steel Parts |
| AECI-EIS | 1514 | C | Etch Inspection for Grinding Damage on Hardened Type Steels |
| AECI-EIS | 1720 | A | Fatigue Testing Of Compressor Wheel Blades |
| AECI-EIS | 1880 | B | Pressure Testing - Air, As Specified |
| AECI-EIS | 20023 | C | MASS AIRFLOW MEASUREMENT – DIFFUSER VANE RING |
| | | | |
| AECI-EMS | 17 | A | Fingerprint Corrosion Inhibiting Compound |
| AECI-EMS | 55447 | A | Casting, Investment, MAR-M 247 |
| AECI-EMS | 56511 | A | Copper Braze Paste |
| AECI-EMS | 56625 | A | Filler Metal, Brazing, High temperature Nickel Base |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| AECI-EMS | 56628 | A | Brazing Filling Metal, Wide Gap, Nickel Base |
| AECI-EMS | 56766 | A | Aluminum Alloy Powder |
| AECI-EMS | 60015 | A | Shot, Hardened, Cast Steel |
| AECI-EMS | 64500 | B | Steel Bars, Forgings, and Forging Stock, 3.25CR-0.95MO-0.2V (0.35-0.45C) |
| AECI-EMS | 70793 | A | Alloy Sheet and Plate, Corrosion and Heat Resistant/Nickel Base - 15.5 Cr – 16 Mo – 3.75W – 6Fe (C 276) |
| AECI-EMS | 73657 | A | Alloy Casting Investment - Corrosion & Heat Resistant - Nickel Base Vacuum Melt - Vacuum Cast |
| AECI-EMS | 73661 | A | Alloy Casting, Investment-Corrosion and Heat Resistant. IN738/Vacuum Cast - Vacuum Melt |
| AECI-EMS | 73688 | B | Nickel Alloy Castings, Investment, Vacuum Melted and Vacuum Cast MAR-M247 Low Carbon |
| AECI-EMS | 85040 | A | Bolts, Screws, and Studs, Nickel Alloy, Corrosion and Heat Resistant Roll Threaded after 1325 degrees F (718 Degrees C) Precipitation Heat Treatment |
| | | | |
| AECI-EO | 180 | A | Heat Treatment of M-50 (AMS6491) Steel |
| | | | |
| AECI-EPS | 200 | B | Carburizing, Carbonitriding and Related Heat Treatments -See Related Documents |
| AECI-EPS | 202 | B | Carburizing and Related Heat Treatments Highly-Stressed Gears and Pinions |
| AECI-EPS | 216 | A | Carburizing, Carbonitriding and Related Heat Treatments |
| AECI-EPS | 227 | A | Nitriding and Related Heat Treatments |
| AECI-EPS | 251 | A | Heat Treatment of AMS 6282, AMS 6320 and AMS 6357 (SAE 8735) Steel Parts |
| AECI-EPS | 253 | A | Heat Treatment of AMS 6322, AMS 6323, AMS 6324, and AMS 6358 (SAE 8740) Steel Parts |
| AECI-EPS | 267 | A | Heat Treatment of Corrosion Resistant Steel Parts AMS-5610 |
| AECI-EPS | 267-1 | A | Heat Treatment of Corrosion Resistant Steel Parts AISI 403 and AISI 410 |
| AECI-EPS | 316 | A | Stripping of Copper and Bronze Plate from Parts |
| AECI-EPS | 333 | A | Annealing of Heat and Corrosion Resistant Alloys |
| AECI-EPS | 345 | A | Vapor Decreasing |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|---|
| AECI-EPS | 371 | A | Brite Anneal Heat Treatment Of Austenitic Stainless Steel |
| AECI-EPS | 401 | B | Solution and Precipitation Heat Treatment AMS-5355, AMS-5398 and AMS-5643 (17-4PH) |
| AECI-EPS | 402 | A | Homogenization, Solution and Precipitation heat Treatment AMS 5340 (14-4PH) |
| AECI-EPS | 420 | A | Heat Treatment - Corrosion Resistant Steel Parts, A286 |
| AECI-EPS | 423 | B | Solution and Precipitation Heat Treatment EMS73657 |
| AECI-EPS | 433 | A | Solution and Precipitation Heat Treatment AMS 5596, EMS 73118, EMS 73718, (Inconel 718 Alloy) |
| AECI-EPS | 433-1 | A | Homogenization Solution and Precipitation Heat Treatment AMS 5383 (Inconel 718) Castings |
| AECI-EPS | 433-2 | A | Solution and Precipitation Heat Treatment Nickel Base Alloy - 19Cr-.1Mo-5.1 (Cb+Ta)-0.9Ti-0.5Al (Inconel 718 Alloy) |
| AECI-EPS | 494 | A | Heat Treatment of AMS 6490 Steel (Type M-50) |
| AECI-EPS | 1001 | B | Coating, Aluminum, Corrosion, and Rub Tolerant Low Temperature Cure |
| AECI-EPS | 2002SP | A | Turbine Nozzle / Diffuser - Airflow Adjustment |
| AECI-EPS | 10040 | B | Coating, Aluminum-Manganese-Chromium, Electrophoretic, Diffused, for Application to Nickel Base Components |
| AECI-EPS | 10050 | A | Fluoborate Nickel Plating as a Bonding Medium |
| AECI-EPS | 10245 | IR | Nickel Plating, Brush Applied |
| AECI-EPS | 10253 | A | Indium Plating |
| AECI-EPS | 10436 | A | Flame Spray Coating 85 Nickel - 15 Graphite Composite |
| AECI-EPS | 10481 | A | Plasma Spray Coating - 12% Silicon - Aluminum Alloy Powder (EMS56766) |
| AECI-EPS | 10649 | A | Aluminum-Manganese Slurry Coating of Nickel Alloy (EMS 73646) Surface by the ALPAK S-1 Process |
| AECI-EPS | 10678 | B | Coating, Aluminum, Corrosion, and Rub Tolerant Low Temperature Cure |
| AECI-EPS | 11710 | A | Application of Surface Bonded Lubricant |
| AECI-EPS | 12000 | A | Grit Blasting |
| AECI-EPS | 12006 | A | Glass Bead Peening - Compressor Wheels |
| AECI-EPS | 12012 | A | Dry Honing Aluminum Oxide Abrasive |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|--|
| AECI-EPS | 12052 | A | Vibro-Tumbling |
| AECI-EPS | 12075 | A | Glass Bead Peening or Blasting |
| AECI-EPS | 12130 | A | Measurement Shot Peening Intensity |
| AECI-EPS | 12140 | A | Shot Peening - Gears Cut Wire or Cast Steel Shot |
| AECI-EPS | 12176 | A | Shot Peening - Turbine Blades Cast Steel Shot |
| AECI-EPS | 12900 | A | Stripping of Paint From Magnesium and Aluminum Parts |
| AECI-EPS | 13035 | A | Etching Turbine Blades and Vanes |
| AECI-EPS | 13036 | A | Superoxol Etching Integral Turbine Wheel and/or Blades and Vanes |
| AECI-EPS | 14165 | A | Thermosetting Adhesive (One Component) High Strength |
| AECI-EPS | 14375 | D | Copper Brazing & Related Heat Treatment for Compressor Case Assemblies, Compressor Vane, & Band Sub-Assemblies |
| AECI-EPS | 14450 | A | Hot Upsetting Compressor Stator Vanes |
| AECI-EPS | 14500 | A | Welding and Brazing Symbols |
| AECI-EPS | 14519 | B | Percussive Stud Welding - Iron-Base, Nickel-Base, & Heat Resistant Steels and Alloys |
| AECI-EPS | 14520 | A | Resistance Spot & Seam Welding Ferrous, Nickel Base & heat Resistant Alloys |
| AECI-EPS | 14530 | B | Fusion Weld Certifications of Welders |
| AECI-EPS | 14532 | A | Automatic Fusion Welding Certification of Equipment |
| AECI-EPS | 15600 | B | Acid Pickling Nitrided Steel Parts |
| AECI-EPS | 16410 | A | Identification of material Parts, Fabricated of Semi-Finished |
| AECI-EPS | MS001 | A | Flame Deposition Nickel-Chromium-Boron Nitride Composite Bond Coat |
| AECI-EPS | MS002 | A | Flame Spray Coating 85 Nickel - 15 Graphite Composite |
| | | | |
| EO | 57 | A | Martempering Heat Treatment of Steel Parts |
| EO | 58 | A | Heat Treatment of Steel Parts |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|--|
| EO | 59 | A | Acceptance Criteria for Fusion Welds |
| EO | 61 | D | Fluorescent Penetrant Inspection General Procedure |
| EO | 62 | B | Identification & Traceability Requirements |
| EO | 63 | A | MPI of Nuts, Washers and Bushings |
| EO | 65 | B | Heat Treatment of Steel Parts |
| EO | 66 | B | Turbine Nozzle Effective Flow Area Modification |
| EO | 67 | D | Shot Peening |
| EO | 68 | NC | MPI of Bolts, Small Shafts |
| EO | 69 | B | Turbine Nozzle Area Measurement |
| EO | 70 | A | In Process & Finished Part Accountability |
| EO | 71 | NC | Welding and Brazing Symbols |
| EO | 72 | A | Annealing of Heat and Corrosion Resistant Alloys |
| EO | 73 | A | Resistance Spot and Seam Welding |
| EO | 74 | NC | Brazed Joints Evaluation and Acceptance Criteria |
| EO | 75 | NC | Source Approval Obligation |
| EO | 77 | B | Bolts, Screws, and Studs, Nickel Alloy, Corrosion and Heat Resistant |
| EO | 78 | NC | Material Qualification, Investment Casting |
| EO | 79 | A | Heat Treatment of Steel Parts |
| EO | 80 | A | Heat Treatment of Steel Parts |
| EO | 82 | A | Tooth Control for Gears; Gaging Instructions |
| EO | 83 | NC | MPI of Small Roller or BB Races |
| EO | 84 | NC | MPI of Bearing Races and Similar Parts |
| EO | 85 | C | Magnetic Particle Inspection |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|---|
| EO | 87 | E | Fatigue Testing Compressor Wheel and Blade Assembly |
| EO | 89 | NC | MPI of Small Shafts |
| EO | 91 | A | Fluorescent Penetrant Inspection of Airfoil Sections |
| EO | 95 | NC | Nickel Coated Graphite |
| EO | 100 | NC | Nickel - Aluminum Composite Powder, Composition and Application |
| EO | 105 | NC | Bearing Surface Finish |
| EO | 106 | NC | Bearing Component Metallurgical Examination |
| EO | 107 | NC | Bearing Component Residual Magnetism |
| EO | 108 | NC | Bearing Assembly and Component Consistency |
| EO | 109 | NC | Hardness Inspection of Bearings |
| EO | 110 | NC | Internal Diametrical Clearance |
| EO | 112 | A | Best Fit Envelope Definitions |
| EO | 113 | C | Forging Qualification |
| EO | 114 | | SUPERSEDED BY AMS 2759 |
| EO | 115 | D | Material Qualification, Integral Compressor Wheel |
| EO | 116 | D | Heat Treatment of Carburizing Grade Steels |
| EO | 120 | NC | Tungsten Carbide Coating |
| EO | 123 | A | Vibro-Tumbling |
| EO | 124 | NC | Glass Bead Peening Compressor Wheels |
| EO | 125 | A | Grit Blasting |
| EO | 127 | NC | 1st Stage Compressor Airfoil Section Data |
| EO | 128 | NC | Coatings for Compressor Wheels |
| EO | 133 | NC | Graphite Composite Flame Spray Coating |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|---|
| EO | 134 | NC | Homogenization, Solution and Precipitation Heat Treatment of AMS 5340 |
| EO | 140 | A | Detection of White Layer on Nitrided Steel Parts |
| EO | 141 | A | Nitriding and Related Heat Treatments |
| EO | 142 | NC | Pressure Testing-A, As Specified |
| EO | 143 | H | Quality Requirements for Nozzle Castings |
| EO | 144 | A | Pattern Approval Layout Report |
| EO | 145 | C | Forging Drawing Design Requirements |
| EO | 146 | A | Solution & Precipitate Heat Treat |
| EO | 147 | NC | Fluoroborate Nickel Plating |
| EO | 148 | NC | Nickel Plating, Brush Applied |
| EO | 149 | B | Acid Pickling Nitrided Steel Parts |
| EO | 151 | NC | Low Heat Resistant Steel |
| EO | 153 | C | Steel, Casting, Investment, Consumable Electrode Vacuum Melt |
| EO | 154 | NC | Grit Blasting |
| EO | 155 | NC | Vapor Degreasing |
| EO | 156 | NC | Protection from Nitriding |
| EO | 157 | B | Nitriding and Related Heat Treatments |
| EO | 162 | NC | Bronze Plating |
| EO | 164 | B | Etch Inspection of Carburized Parts |
| EO | 166 | NC | Etch Inspection of M-50 Steel Parts |
| EO | 170 | A | Refined Petroleum Quenching Oil |
| EO | 173 | NC | Indium Plating |
| EO | 175 | NC | First Stage Nozzle Airfoil Section Data |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|---|
| EO | 176 | NC | First Stage Nozzle Saddle Airfoil Section Data |
| EO | 177 | D | 2nd Stage Turbine Nozzle Airfoil Section Data |
| EO | 180 | NC | M50 Steel Heat Treat |
| EO | 181 | NC | Eddy Current Inspection |
| EO | 182 | NC | Non-Asbestos Sheet Gasket Material |
| EO | 183 | NC | Riveted Separator Inspection |
| EO | 184 | NC | Heat Treatment of High Speed Steel Parts |
| EO | 185 | A | Thermocouple Assemblies with Multiple Integral Probes |
| EO | 186 | NC | Heat Treatment of Steel Parts |
| EO | 187 | NC | Heat Treatment of Stainless Steel Parts |
| EO | 188 | NC | Heat Treatment of Corrosion Resistant Steel Parts |
| EO | 189 | A | Shot Peening - Gears |
| EO | 190 | NC | Glass Bead Peening or Blasting |
| EO | 194 | E | Coating for Cobalt Hot-Section Components |
| EO | 195 | B | Coatings for Nickel Hot-Section Components |
| EO | 198 | NC | 2nd Stage Compressor Airfoil Section Data |
| EO | 199 | NC | 3rd Stage Compressor Airfoil Section Data |
| EO | 200 | NC | 4th Stage Compressor Airfoil Section Data |
| EO | 201 | NC | 5th Stage Compressor Airfoil Section Data |
| EO | 202 | NC | 6th Stage Compressor Airfoil Section Data |
| EO | 206 | NC | Automatic Fusion Welding Certification of Equipment |
| EO | 207 | A | 1st Stage Turbine Nozzle Airfoil Coordinate Data, IN738 |
| EO | 208 | NC | Impeller Airfoil Contour Data |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| EO | 209 | NC | Impeller Passage Contour Data |
| EO | 210 | NC | Steel, Casting, Investment, Consumable Electrode Vacuum Melt, Corrosion and Heat Resistant |
| EO | 211 | NC | Al-Mn Slurry Coating of Ni-Base Alloy by the Alpak S-1 Process |
| EO | 213 | NC | Material Qualification Integral Turbine Wheel and Blade (Blisk) Investment Castings |
| EO | 214 | NC | Heat Treatment of Heat and Corrosion Resistant Cast Alloys |
| EO | 215 | NC | 1st Stage Turbine Wheel Airfoil Data |
| EO | 216 | NC | 2nd Stage Turbine Wheel Airfoil Data |
| EO | 217 | D | Alloy Castings, Investment, Model 250 First Stage Turbine Wheels |
| EO | 218 | B | Alloy Castings, Investment, Model 250 Second Stage Turbine Wheels |
| EO | 221 | A | Turbine Blades, Shot Peening, Cast Steel Shot |
| EO | 224 | J | Aluminide Coating |
| EO | 226 | A | 3rd Stage Turbine Wheel Airfoil Coordinate Data |
| EO | 227 | A | 4th Stage Turbine Wheel Airfoil Coordinate Data |
| EO | 228 | A | Alloy Castings, Vacuum Melt, Investment, 3rd & 4th Stage Turbine Wheels |
| EO | 229 | A | Alloys Castings, Vacuum Melt, Investment, 4th Stage Turbine Wheels |
| EO | 230 | C | Inconel 738 for Investment Castings |
| EO | 231 | A | Part Preservation |
| EO | 233 | B | Copper Brazing and Related Heat Treatment, Compressor Case Sub-Assembly and Vane & band Sub-Assemblies |
| EO | 234 | NC | 1st Stage Stator Airfoil Coordinate Date |
| EO | 235 | NC | 2nd Stage Stator Airfoil Coordinate Date |
| EO | 236 | NC | 3rd Stage Stator Airfoil Coordinate Date |
| EO | 237 | NC | 4th Stage Stator Airfoil Coordinate Date |
| EO | 238 | NC | 5th Stage Stator Airfoil Coordinate Date |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|---|
| EO | 239 | NC | 6th Stage Stator Airfoil Coordinate Data |
| EO | 240 | A | E3611904 Turbine Shroud Contour Data |
| EO | 241 | A | 1st Stage Turbine Blade Airfoil Coordinate Data |
| EO | 242 | H | Platinum Modified Diffused Aluminide Coating |
| EO | 243 | A | 2nd Stage Turbine Blade Airfoil Coordinate Data |
| EO | 245 | F | Mar-M-247 |
| EO | 246 | A | EC6484 Vane Contour Data |
| EO | 247 | A | Hot Isostatic Pressing |
| EO | 248 | G | Etch Inspection of Turbine Blades and Vanes |
| EO | 251 | NC | Inspection of Honeycomb Structures |
| EO | 253 | L | Quality Requirements for Turbine Blade Castings |
| EO | 254 | A | Antifretting Coating |
| EO | 255 | NC | 700 Series 1st Stage Compressor Blade Airfoil Coordinate Data |
| EO | 256 | NC | 1st Stage Compressor Blade Airfoil Coordinate Data |
| EO | 257 | NC | 3rd Stage Compressor Blade Airfoil Coordinate Data |
| EO | 258 | NC | 1st Stage Compressor Blade Airfoil Coordinate Data |
| EO | 259 | NC | 2nd Stage Compressor Blade Airfoil Coordinate Data |
| EO | 260 | NC | 3rd Stage Compressor Blade Airfoil Coordinate Data |
| EO | 261 | NC | Variable Inlet Guide Vane Coordinate Data |
| EO | 262 | NC | 1st Stage Nozzle Vane Contours - C47 |
| EO | 263 | NC | 2nd Stage Nozzle Air Cooling Core - C47 |
| EO | 264 | NC | GTCP 331-500 Inlet Guide Vane Profile |
| EO | 265 | NC | 331 Nozzle Airfoil Coordinate Data |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| EO | 266 | NC | C40/C47 Nozzle Airfoil Coordinate Data |
| EO | 267 | NC | C40/C47 Nozzle Airfoil Coordinate Data |
| EO | 268 | A | C47 1st Stage Nozzle Core |
| EO | 269 | NC | 131-9 Airfoil Coordinate Data |
| EO | 270 | E | 36-150[RJ] Nozzle Shroud Coordinate Data |
| EO | 271 | NC | 36-150[RJ] Nozzle Airfoil Coordinate Data |
| EO | 272 | B | Deswirl Airfoil Coordinate Data |
| EO | 273 | E | Directionally Solidified Grain Requirements |
| EO | 276 | A | RAT Blade Airfoil Contour Definition |
| EO | 277 | NC | ACM Fan Wheel Airfoil Coordinate Data |
| EO | 278 | C | 3123131-02E, E3123131-02, E3123071-01 Airfoil, E3014001-01, And E3115501-01 Airfoil Contour Definition |
| EO | 279 | E | Alloy Castings, Investment, Corrosion and Heat Resistant |
| EO | 280 | NC | Bearing Grease Procedure |
| EO | 281 | NC | Spring Rate Measurement |
| EO | 282 | A | 3827141-2E Airfoil and Contour Coordinate Data |
| EO | 283 | NC | Shot Peen For Lip Seal Surface Preparation |
| EO | 284 | A | Alloy Castings, Corrosion and Heat Resistant, Cobalt Base |
| EO | 285 | A | 226347E ADG Blade Airfoil Contour Definition |
| EO | 286 | C | Casting Qualification |
| EO | 287 | NC | E3036701 Airfoil Contour Definition |
| EO | 288 | NC | E5000555-01 Airfoil Contour Definition |
| EO | 289 | NC | E779050 Airfoil Contour Definition |
| EO | 290 | C | Alloy Castings, Investment, Corrosion and Heat Resistant (IN792 +Hf) |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|---|
| EO | 291 | NC | Flow Test Procedure |
| EO | 292 | NC | Welding, Percussion Stud |
| EO | 293 | B | Heat Lot Marking Format |
| EO | 294 | NC | Process Qualification Requirements for Investment Castings |
| EO | 295 | E | Blending Procedure to Reduce Weight of Turbine Blades E3123131-02, E3123071-01, E3840282-3, E3840004-5, and E3604912-6. |
| EO | 296 | E | Blade Design and Inspection Standards |
| EO | 297 | NC | Black Oxide Touch-Up, Steel Parts |
| EO | 298 | E | Aluminide Coating - Vapor Deposition (VPA) |
| EO | 299 | A | Heat Treatment of SAE 9310 Material |
| EO | 300 | C | Involute Profiles for Engine Output Power Gears |
| EO | 301 | IR | Silver Plating of Gear and Spline Teeth - Visual Inspection |
| EO | 302 | IR | Aleal Coating - Visual Inspection |
| EO | 303 | IR | Indium Plating Over Silver Plate |
| EO | 304 | IR | Self-Lubricating Liner Material |
| EO | 305 | IR | Vane Casting Process Qualification |
| EO | 306 | IR | FORGED AIRFOILS: PROCESS QUALIFICATION |
| EO | 307 | B | APPLICATION OF POWDER COAT |
| EO | 308 | IR | THERMAL FIT |
| EO | 309 | A | ASSEMBLY INSTRUCTIONS, E350A37-1127-02 LINK, SCISSORS, YOKE |
| EO | 310 | IR | DESIGN CLASSIFICATION OF PARTS |
| EO | 311 | M | CRITICAL PARTS LISTING |
| EO | 312 | A | MP35N LT WIRE FOR TENSION-TORSION STRAPS |
| EO | 313 | IR | REQUIREMENT FOR NYLON FABRIC FOR TENSION-TORSION STRAPS |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|--|
| EO | 314 | A | REQUIREMENTS FOR STRAP WINDING FOR TENSION-TORSION STRAPS |
| EO | 315 | IR | REQUIREMENT FOR URETHANE MOLDING FOR TENSION-TORSION STRAPS |
| EO | 316 | A | REQUIREMENTS FOR ACCEPTANCE TESTING FOR TENSION-TORSION STRAPS |
| EO | 317 | A | BONDING OF CYLINDRICAL FITTED PARTS |
| EO | 318 | A | SEALING COMPOUND APPLICATION |
| EO | 319 | A | PAINT APPLICATION |
| EO | 320 | IR | BLADE FORGING PROCESS QUALIFICATION |
| EO | 321 | IR | CRITICAL CASTINGS - QUALITY REQUIREMENTS |
| EO | 322 | IR | HIGH PRESSURE COMPRESSOR BLADE ROOT REWORK PROTOCOL - 1B8309 |
| EO | 323 | IR | BLADE ROOT FORM INSPECTION REQUIREMENTS |
| EO | 324 | IR | BUSHING TESTING REQUIRMENTS FOR CONNECT COMPASS HIGHER EQUIPED |
| EO | 325 | IR | BLADE QUALIFICATION TESTING |
| EO | 327 | IR | BLADE VIBRATION TESTING |
| EO | 328 | IR | BLADE FATIGUE TESTING |
| EO | 329 | A | BLADE SET WEIGHT LIMITATIONS |
| EO | 330 | IR | BEARING VISUAL ACCEPTANCE STANDARDS |
| EO | 331 | IR | BEARING EDDY CURRENT INSPECTION ACCEPTANCE STANDARDS |
| EO | 332 | IR | PLATINUM ALUMINIDE COATING BY VAPOR PHASE PROCESS |
| EO | 333 | IR | METALLURGICAL CONTROL OF ALUMINIDE COATINGS |
| EP | 201 | C | Flow Area Measurement For Turbine Nozzles |
| EP | 203 | NC | Airfoil Data, Second Stage Nozzle |
| EP | 204 | NC | Airfoil Data, First Stage Nozzle |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| EP | 207 | NC | Saddle Airfoil Data, First Stage Nozzle |
| EP | 209 | NC | Material Requirements: Medium-Carbon, Low Alloy Heat Resistant Steel (Lescalloy UT-18) |
| EP | 211 | NC | Flow Area Measurement for Compressor Diffuser Assemblies |
| | | | |
| EP | 4_015 | A | Assembly Procedures for E3612887-1 Ring Gear Assembly |
| EP | 4_016 | | SUPERSEDED BY EO 327 |
| EP | 4_017 | A | Nozzle Casting Process Qualification Reporting Requirements |
| | | | |
| | | | |
| T | 001 | F | A23038218, E23038218 UNCOATED 1st STAGE TURBINE NOZZLE ASSY |
| T | 002 | D | A6898977, E6898977 TURBINE TO COMPRESSOR COUPLING |
| T | 003 | D | A6870832, E6870832 COUPLING, TURBINE SHAFT TO PINION GEAR |
| T | 004 | G | A6890040, E6890040, E23062750 1st STAGE TURBINE NOZZLE SHIELD ASSY |
| T | 005 | F | A23001801, E23001801 OUTER PT COUPLING NUTS, A23030981, E23030981 INNER PT COUPLING NUTS |
| T | 007 | E | A6871259, E6871259 COMPRESSOR TIE BOLT |
| T | 008 | D | A6887761, E6887761 THERMOCOUPLE HARNESS |
| T | 009 | M | A23031938, E23031938, A23031938-C, E23031938-C, 23031938AL, E6878426, E6878426-C 2nd STAGE TURBINE NOZZLE ASSY |
| T | 011 | E | A6899239, E6899239, A23034784, E23034784, A23031921, E23031921, A23031922, E23031922 SPUR ADAPTER GEARSHAFT ASSY |
| T | 012 | G | A23031938-UC, E23031938-UC, E6878426UC, E23072654-UC UN-CU 2nd STAGE TURBINE NOZZLE ASSY |
| T | 013 | E | A23038218-C505, E23038218-C505 COATED 1st STAGE TURBINE NOZZLE ASSY |
| T | 014 | D | A6877736-1 & -2, E6877736-1 & -2 STATIONARY LABYRINTH SEAL |
| T | 015 | F | A23037413, E23037413, EH23037413 PT OUTER SHAFT |
| T | 016 | H | A23037403, E23037403, E23071309, 23071309AL PT INNER SHAFT |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|---|
| T | 017 | E | SPANNER NUTS |
| T | 018 | D | A6887619, E6887619, A6871902, E6871902 COMPRESSOR FRONT BEARING OIL SEAL AND SEAL MATING RING |
| T | 019 | D | A6895005, E6895005, A23009630, E23009630 BEARING RETAINING PLATES |
| T | 020 | D | A6898764, E6898764 OIL BELLOWS SEAL |
| T | 021 | N | ALL AXIAL COMPRESSOR WHEELS |
| T | 022 | L | A23038218-738, E23038218-738, E23038219-738, E23038218-738-P, E23038219-738-P, E23038218-247, E23038218-247-P, E23038219-247, E23038219-247-P, E23062753, E23062754 COATED INCONEL, MAR-M-247 1st STAGE TURBINE NOZZLE ASSY |
| T | 023 | D | A6888547, E6888547 POWER TURBINE SUPPORT OIL SUMP COVER |
| T | 024 | F | A23056108, E23056108, E23060429 HASTELLOY X COMBUSTION LINER ASSY AND OVERHAUL DETAILS, PN's A6875628, E6875628, A23007530, E23007530, A23004529, E23004529, E23061212, E23061213, E23061216 |
| T | 026 | F | E23032335-UC, E23055438-UC UN-CUT 2nd STAGE TURBINE NOZZLE |
| T | 027 | C | E23008020 TURBINE TIE BOLT |
| T | 028 | F | E23032335, E23055438, E23062029 2nd STAGE TURBINE NOZZLE |
| T | 029 | E | E23008064, E23008064-738, E23062028-738 1st STAGE TURBINE NOZZLE |
| T | 030 | D | E6892828, E23062752 1st STAGE NOZZLE SHIELD ASSY |
| T | 031 | E | E23008089, E23008090, E23056633, E23056634 SPUR ADAPTER GEARSHAFT |
| T | 032 | C | E23005271-1,-2,-3, EH23005271-1,-2,-3 COMPRESSOR COUPLING ADAPTER |
| T | 033 | F | E23030974, EH23030974 TURBINE SPLINED ADAPTER |
| T | 034 | F | E23032263 AND E23054648 ENERGY ABSORBING RINGS |
| T | 035 | C | E6896098 SEAL, LABYRINTH, ROTATING, FWD |
| T | 036 | D | E6896408 SPLINE LOCK NUT |
| T | 037 | E | A6898784, E6898784, EH6898784 TURBINE SPLINED ADAPTER |
| T | 039 | D | E23071313 POWER TURBINE INNER SHAFT |
| T | 040 | C | E23034608 POWER TURBINE OIL SUMP COVER |
| T | 041 | H | E6899081, E23066675 COMBUSTION LINER |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| T | 042 | C | E23038136 POWER TURBINE OUTER SHAFT |
| T | 043 | C | E6898945 GAS PRODUCER OIL COVER ASSY |
| T | 044 | C | A6890040, E6890040, 1st STAGE TURBINE NOZZLE SHIELD ASSY |
| T | 045 | C | E6888547-UC UN-CUT POWER TURBINE OIL SUMP COVER ASSY |
| T | 046 | C | E6899081 COMBUSTION LINER REWORK FOR C28 INSTALLATION |
| T | 048 | H | E6851531 , E23061922, 23055939TA 4th STAGE NOZZLE - BLADE PATH RESTORATION |
| T | 049 | B | E6878426 2nd STAGE NOZZLE REWORK FOR C20B INSTALLATION |
| T | 050 | B | A6888529, E6888529 STARTER GENERATOR GEARSHAFT INSTALLATION |
| T | 051 | C | E23037403, E23038137 POWER TURBINE INNER SHAFTS, INSPECTION AND REWORK OF |
| T | 052 | B | E23032283-1,-2,-3 BEARING CAGE, INSTALLATION OF |
| T | 053 | B | REWORK OF E6898785 HELICAL PTO GEARSHAFT |
| T | 054 | G | IFCA FOR PARTS NOT REQUIRING ILR |
| T | 055 | B | E23032345 TURBINE TO COMPRESSOR COUPLING |
| T | 057 | C | E23051119 DIFFUSER |
| T | 062 | C | E6898977 TURBINE TO COMPRESSOR COUPLINGS REPLACEMENT |
| T | 065 | C | INSTRUCTIONS FOR CONTINUED AIRWORTHINESS |
| T | 066 | B | E23062753, E23062754 1st STAGE TURBINE NOZZLE |
| T | 067 | C | E23072654, E23072654-UC 2nd STAGE TURBINE NOZZLE |
| T | 068 | D | E23064637-2P TWO PIECE DIFFUSER INSTALLATION REWORK INSTRUCTIONS |
| T | 070 | C | E23062061 FIRST STAGE TURBINE NOZZLE |
| T | 071 | B | E23053330 REWORK INSTRUCTIONS |
| T | 073 | C | E23032326 VERTICAL FIREWALL ASSY |
| T | 076 | C | E6893673 TORQUEMETER GEAR, INSPECTION OF CERTAIN SERIAL NUMBERS |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| T | 079 | D | E23035175/23035175AL INTERNAL ENERGY ABSORBING RING |
| T | 082 | C | REWORK OF E6878498 2nd STAGE NOZZLE |
| T | 083 | B | STATIONARY, ROTATING No.5 LABYRINTH SEALS |
| T | 084 | B | ROTATING LABYRINTH SEALS No. 9-12 & 13-18 |
| T | 086 | B | E23068295 GEARSHAFT, HELICAL POWER TAKE OFF (PTO) |
| T | 089 | B | No. 8 BEARING STATIONARY LABYRINTH SEAL |
| T | 091 | B | E6889069 TURBINE TO PINION GEAR COUPLING |
| T | 092 | B | E6896437 GEARSHAFT, SPUR - FUEL CONTROL & OIL PUMP |
| T | 093 | B | E23001832 NOZZLE ASSEMBLY, PRESSURE OIL, POWER TURBINE SUPPORT |
| T | 094 | C | E23035299, E23075442, 23035299AL HELICAL TORQUEMETER GEARSHAFT ASSY |
| T | 099 | C | REQUIRED COMPRESSOR WHEEL INSPECTIONS |
| T | 100 | B | E23075442 GEARSHAFT ASSY, HELICAL TORQUEMETER GEAR |
| T | 101 | B | E23073520 GEARSHAFT ASSY, SPUR ADAPTER INSTALLATION |
| T | 102 | A | Engine, Compressor Assy - Removal of No. 2 Bearing |
| T | 103 | B | Alert Service Bulletin - Nozzle Assy, Turbine 2nd Stage - E23031938, 23031938 |
| T | 104 | | To Be Determined |
| T | 105 | A | TAATI Replacement Bearings For Certain Rolls-Royce 250 Engine Models |
| T | 106 | A | EH23037413, E6870832 N2 Shafting Modification |
| T | 107 | A | ALERT SERVICE BULLETIN - POSSIBLE ACCELERATED CORROSION ON EH23037413 (PT OUTER SHAFT) |
| T | 108 | | SUPERSEDED BY T-009. |
| T | 109 | IR | SERVICE BULLETIN - POSSIBLE INCOMPLETE COVERAGE OF ALSEAL COATING (E23071309) |
| | | | |
| M | 100 | A | E3844038-4 1st STAGE STATOR, GTCP 331-200 REPAIR LIMITS |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| T | 301 | B | E3611904-1 TURBINE SHROUD |
| T | 401 | B | E3840004-5 1st STAGE TURBINE BLADE AND E3840008-2 2nd STAGE TURBINE BLADE |
| T | 402 | B | E3826099 IGB, EN3826099 IG, NICKEL |
| T | 404 | B | 2nd STAGE TURBINE BLADE RADIOGRAPHIC INSPECTION INFORMATION |
| T | 501 | F | HONEYWELL GTCP 36, 331, 85 SERIES, AND 700 SERIES APU's |
| T | 601 | C | 3840223-4E, E3840282-3 1st STAGE TURBINE BLADES |
| T | 650 | A | E3604912-6 BLADE, HP TURBINE ROTOR INSPECTION INFORMATION SERVICE BULLETIN |
| T | 651 | A | SERVICE INFORMATION LETTER: HIGH PRESSURE TURBINE BLADES-RECENT SERVICE ISSUES |
| | | | |
| T | 701 | A | INSPECTION AND REPAIR : TAI-6040-036-101 (Bearing, Ball, Annular) |
| T | 705 | A | INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FOR TAI-4011-105-001, TAI-4011-105-103 |
| T | 710 | G | INSTRUCTIONS FOR CONTINUED AIRWORTHINESS AND AIRWORTHINESS LIMITS OF EXTEX PMA PARTS FOR BELL HELICOPTERS |
| T | 711 | A | SERVICE INFORMATION LETTER - OPERATING IN SEVERELY CORROSIVE ENVIRONMENT (ASI-4011-151-1) |
| T | 712 | A | INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FOR 2E6-310-004-101, 2E6-310-004-103 |
| T | 713 | A | INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, AIRWORTHINESS LIMITATIONS FOR 2E6-011-132-113 AND 2E6-011-132-113A |
| T | 714 | IR | INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FOR 2E6-011-150-105 |
| T | 716 | IR | SERVICE BULLETIN - BEARING, BALL, DUPLEX (TAI-6040-032-105) |
| | | | |
| T | 800 | C | TIMKEN REPLACEMENT PARTS FOR CERTAIN PRATT & WHITNEY CANADA PT6A AND PT6T ENGINE MODELS |
| T | 801 | D | 3013102E, E3013102, 3030102E, E3030102 POWER TURBINE BLADE INSPECTION, REPAIR LIMITS AND OVERHAUL CRITERIA |
| T | 802 | D | E3123131-02, E3123071-01 BLADE, CT |
| T | 803 | B | PT6A OIL SYSTEM MONITORING FOR REDUCTION GEAR BEARINGS E3035030, E3101985-02 |
| T | 804 | C | 1st STAGE REDUCTION SUN GEAR (E3024765) |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|---|
| T | 805 | IR | PT6A INCREASED MONITORING OF CHIP DETECTOR, E3028456 AND E3037304 |
| T | 807 | A | PT6A INCREASED MONITORING OF ENGINE CHIP DETECTORS, (E3028456, E3037304, E3101455-02, E3101525-02) |
| T | 808 | A | PT6A INSTRUCTIONS FOR REMOVAL OF SUN GEAR P/N's E3028456, E3037304 AND PLANET GEAR P/N's E3101455-02, E3101525-02 |
| T | 809 | B | E3045741-01 BLADE, TURBINE COMPRESSOR |
| T | 810 | | TBD |
| T | 811 | B | PT6A Compressor Turbine Blade Inspection (E3035741-01) |
| T | 812 | A | (Service Bulletin) AMOC to AD 2014-17-08R1 |
| T | 813 | IR | SERVICE INFORMATION LETTER - COMPRESSOR TURBINE (CT) BLADE COATING |
| T | 814 | IR | ALERT SERVICE BULLETIN - (E3019371) REMOVAL OF EXTEX TIE RODS AND STUB SHAFT INSPECTION |
| T | 815 | IR | SERVICE BULLETIN - E3045741-01 CT BLADE |
| T | 816 | IR | SERVICE BULLETIN - E3045741-01 CT BLADE |
| T | 817 | IR | SERVICE BULLETIN - E3045741-01 CT BLADE |
| | | | |
| T | 900 | A | MANDATORY SERVICE BULLETIN, 23071567TA CYLINDRICAL ROLLER BEARING |
| | | | |
| T | 1000 | B | Clarification of Part Number Identification |
| T | 1001 | B | SERVICE INFORMATION LETTER |
| T | 1002 | A | SERVICE INFORMATION LETTER |
| T | 1004 | A | SERVICE INFORMATION LETTER: INSTRUCTIONS FOR CONTINUED AIRWORTHINESS |
| | | | |
| T | 2000 | A | Instruction for Continued Airworthiness (E500N5215) |
| T | 2100 | A | Instruction for Continued Airworthiness (E369D25501-9) |
| | | | |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|-------------|-----|---|
| T | 3001 | IR | Instruction for Continued Airworthiness (E350A33-2145-01) |
| T | 3002 | IR | Instruction for Continued Airworthiness (E350A33-1526-00) |
| | | | |
| TAAT-EMS | 792 | A | Blade Casting, Investment-Corrosion and Heat Resistant |
| TAAT-EPS | 010 | C | Compressor Case Vane Band and Plastic Liner Replacement |
| TAAT-EPS | 11 | I/R | Compressor Case Vane Band and Plastic Liner Replacement |
| TAAT-ETR | 106 | B | Blade Casting Metallurgical Qualification Test Plan |
| TAAT-ETR | 107 | I/R | Dynamic Rig Test Plan |
| TAAT-ETR | 206 | A | Blade Fatigue Testing |
| TAAT-FSP | 1000 | I/R | Flight Safety Part Specification |
| | | | |
| TAATI-EMS | 27605 | IR | DRY LUBRICANT |
| TAATI-EMS | 27610 | IR | HIGH TEMPERATURE LUBRICANT AND ANTI-SEIZE COMPOUND |
| | | | |
| TAATI-EPS | 4335 | IR | ADHESIVE BONDING OF NAMEPLATES |
| TAATI-EPS | 4407 | IR | PREPARATION AND APPLICATION OF SEALANTS |
| | | | |
| TAAT-OP | 1.1 | A | Packaging Procedure for Details or Finished Parts |
| | | | |
| TAI | 300 | IR | ASSEMBLY PROCEDURE FOR THE MANUFACTURE OF PT6 REDUCTION GEAR BUSHINGS |
| TAI | 301 | IR | VAPOR PHASE ALUMINIDE COATING |
| TAI | 4420 | IR | CARBURIZING AND HEAT TREATMENT OF CARBURIZED PARTS |
| TAI | 299-947-068 | IR | SPUR GEAR DEFINITIONS AND INTERPRETATIONS USED ON TIMKEN TRANSMISSION GEAR DRAWINGS |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|----------|-----|--|
| TASL | -04-0041 | IR | COMPRESSOR VANE BAND ASSEMBLIES |
| TASL | -05-0002 | IR | 250 COMPRESSOR WHEELS |
| TASL | -05-0003 | IR | 23039791AL-C COUPLING, ADAPTER COMPRESSOR |
| TASL | -05-0005 | IR | 23039791AL-1,-2, & -3 COUPLING, ADAPTER COMPRESSOR |
| TASL | -06-0001 | IR | 23053335TA NOZZLE ASSY, TURBINE, 2nd STAGE |
| TEDI | 9 | IR | TOOTH CONTROL FOR GEARS, SPLINES AND COUPLINGS; GAGE CONTROL AND GAGING INSTRUCTIONS |
| TEDI | 113 | IR | INSTRUCTIONS FOR SAFETY LOCKING DEVICES |
| TEDI | 123 | IR | SURFACE FINISH CONTROL |
| TEDI | 138 | | SEE TEDI 304 AND 308 |
| TEDI | 171 | IR | LUBRICATION AND SEALING COMPOUNDS FOR ASSEMBLY |
| TEDI | 200 | IR | STANDARD TORQUE LIMITS |
| TEDI | 212 | B | ROLLING ELEMENT BEARING REQUIREMENTS |
| TEDI | 228 | IR | SUPPLEMENT TO ENGINEERING DRAWINGS OF BLADES AND VANES |
| TEDI | 231 | IR | BOLT SWAGING |
| TEDI | 234 | IR | SAFETY COUPLING ASSEMBLY TEST |
| TEDI | 249 | IR | TURBINE VANE (SEGMENT) AND BLADE AREA MEASUREMENT - (AIR FLOW TEST RIG METHOD) |
| TEDI | 252 | IR | COMPRESSOR BLADES-VISUAL DEFECTS-LIMITS OF ACCEPTABILITY |
| TEDI | 253 | IR | SAFETY COUPLING - LAPPING AND BURNISHING INSTRUCTIONS |
| TEDI | 304 | IR | TRACEABILITY OF SERIALIZED PARTS |
| TEDI | 308 | A | FORGING DRAWING DESIGN REQUIREMENTS |
| TEDI | 310 | IR | GUILLOTINE GAGE INSPECTION OF COMPRESSOR BLADES |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| TEDI | 313 | IR | TURBINE BLADES AND VANES - LIMITS OF ACCEPTABILITY |
| TEDI | 320 | IR | DEFINING BACKLASH IN BEVEL GEARS |
| TEDI | 331 | IR | TRACEABILITY OF RECORD REQUIREMENTS FOR PARTS SHIPPED FROM TAATI |
| TEDI | 336 | IR | TURBINE BLADE TIP SHAKE CONTROL |
| TEDI | 366 | A | CLEANING, HANDLING, MARKING, PRESERVATION AND PACKAGING OF BEARINGS |
| TEDI | 388 | IR | TRACEABILITY OF DATE CODED PARTS |
| | | | |
| TEDS | 733 | IR | SUPPLIER ENGINEERING DATA AND ENGINEERING CHANGE CONTROL |
| TEDS | 1306 | A | TAATI FIXED PROCESS AND SOURCE CONTROL REQUIREMENTS AFTER INITIAL ENGINEERING SOURCE |
| TEDS | 1358 | IR | BEARING SUPPLIER ENGINEERING DATA & CHANGE CONTROL REQUIREMENTS |
| | | | |
| TEDT | 503 | IR | CASTING DRAWINGS |
| | | | |
| TEIS | 502 | B | MATERIAL QUALIFICATION - FORGINGS |
| TEIS | 507 | IR | TRACE ELEMENT CONTROL FOR NICKEL ALLOY CASTINGS |
| TEIS | 532 | IR | INSPECTION PROCEDURES CORROSION AND HEAT RESISTANT ALLOY FORGINGS |
| TEIS | 645 | IR | MATERIAL QUALIFICATION - TURBOPROP TURBINE WHEEL, SPACER, AND SHAFT FORGINGS |
| TEIS | 657 | IR | MATERIAL INSPECTION OF PRECISION INVESTMENT CASTINGS, AIRFOIL SECTIONS AND SIMILARLY DESIGNED PARTS |
| TEIS | 658 | A | MATERIAL QUALIFICATION - SHROUDED TURBINE BLADES |
| TEIS | 659 | A | MATERIAL QUALIFICATION - INVESTMENT CAST NOZZLE VANE SEGMENTS |
| TEIS | 672 | A | MATERIAL QUALIFICATION - INVESTMENT CAST TURBINE VANE SEGMENTS TEMS 73657, TEMS 73661 |
| TEIS | 675 | IR | MATERIAL QUALIFICATION - GENERAL PROCEDURE IRON BASE, NICKEL BASE, AND COBALT BASE INVESTMENT CASTINGS |
| TEIS | 680 | IR | MATERIAL INSPECTION - FORGED AIRFOIL SECTIONS |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|---|
| TEIS | 790 | IR | MATERIAL QUALIFICATION - GENERAL PROCEDURE, ALUMINUM BASE AND MAGNESIUM BASE SAND CASTING |
| TEIS | 900 | IR | INSPECTION PROCEDURES FOR COPPER AND COPPER ALLOY BARS |
| TEIS | 955 | IR | MAGNETIC PARTICLE INSPECTION - SMALL SHAFTS |
| TEIS | 976 | IR | MAGNETIC PARTICLE INSPECTION - SPUR AND PINION GEARS |
| TEIS | 981 | IR | MAGNETIC PARTICLE INSPECTION - SMALL SPUR GEARS AND SPUR SHAFT GEARS |
| TEIS | 982 | IR | MAGNETIC PARTICLE INSPECTION - BEVEL GEARS AND BEVEL SHAFT GEARS |
| TEIS | 985 | IR | MAGNETIC PARTICLE INSPECTION - PLANET GEAR AND BEARING ASSEMBLIES |
| TEIS | 1000 | IR | MAGNETIC PARTICLE INSPECTION - BEARING CAGES |
| TEIS | 1002 | IR | MAGNETIC PARTICLE INSPECTION - LARGE ROLLER OR BALL BEARING RACES |
| TEIS | 1003 | IR | MAGNETIC PARTICLE INSPECTION - SMALL ROLLER OR BALL BEARING RACES |
| TEIS | 1016 | IR | MAGNETIC PARTICLE INSPECTION - TIE BOLTS |
| TEIS | 1017 | IR | MAGNETIC PARTICLE INSPECTION - STUDS, BOLTS, LEVERS, PINES, ROLLERS |
| TEIS | 1030 | IR | MAGNETIC PARTICLE INSPECTION - NUTS, WASHERS, AND BUSHINGS |
| TEIS | 1035 | IR | MAGNETIC PARTICLE INSPECTION - SPRINGS |
| TEIS | 1040 | IR | MAGNETIC PARTICLE INSPECTION - WELDED BRACKET ASSEMBLIES |
| TEIS | 1042 | IR | MAGNETIC PARTICLE INSPECTION - BRACKETS FABRICATED WITHOUT WELDS |
| TEIS | 1070 | IR | MAGNETIC PARTICLE INSPECTION - COMPRESSOR BLADES AND VANES |
| TEIS | 1110 | IR | EDDY CURRENT INSPECTION - BEARING COMPONENTS |
| TEIS | 1166 | IR | VISIBLE PENETRANT INSPECTION |
| TEIS | 1169 | B | FLUORESCENT PENETRANT INSPECTION |
| TEIS | 1173 | IR | FLUORESCENT PENETRANT INSPECTION - AIRFOIL SECTIONS |
| TEIS | 1177 | A | FLUORESCENT PENETRANT INSPECTION - ROUGH CASTINGS |
| TEIS | 1197 | IR | ULTRASONIC INSPECTION PROCEDURE - TURBO-PROP TURBINE SECTION COMPONENT FORGINGS |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|--|
| TEIS | 1198 | IR | ULTRASONIC INSPECTION PROCEDURE - TURBINE SECTION COMPONENT FORGINGS |
| TEIS | 1199 | IR | ULTRASONIC INSPECTION PROCEDURE - BEARING ROLLER COMPONENTS |
| TEIS | 1200 | A | ACCEPTANCE CRITERIA FOR FUSION WELDS |
| TEIS | 1201 | IR | EVALUATION AND ACCEPTANCE CRITERIA - BRAZED JOINTS |
| TEIS | 1301 | A | INSPECTION REQUIREMENTS AND ACCEPTANCE STANDARDS, GENERAL WROUGHT PRODUCTS |
| TEIS | 1401 | IR | INSPECTION REQUIREMENTS AND ACCEPTANCE STANDARDS, CASTINGS |
| TEIS | 1500 | IR | ETCH INSPECTION - DETECTION OF WHITE LAYER ON NITRIDED STEEL PARTS |
| TEIS | 1510 | IR | ETCH INSPECTION FOR DETECTING GRINDING DEFECTS ON HARDENED STEEL PARTS |
| TEIS | 1514 | IR | ETCH INSPECTION FOR GRINDING DAMAGE ON M-50 STEEL |
| TEIS | 1515 | A | ETCH INSPECTION FOR DETECTING GRINDING DEFECTS ON HARDENED STEEL PARTS |
| TEIS | 1520 | IR | NON-DESTRUCTIVE TEST REQUIREMENTS FOR ROLLING ELEMENT BEARINGS |
| TEIS | 1550 | A | INSPECTION OF GRAIN STRUCTURE - INVESTMENT CAST TURBINE COMPONENTS |
| TEIS | 1551 | IR | INSPECTION BY CLASSIFICATION OF GRAIN STRUCTURE IN INVESTMENT CAST TURBINE VANES |
| TEIS | 1875 | IR | PRESSURE TESTING - HYDRAULIC CASTINGS |
| TEIS | 1880 | IR | PRESSURE TESTING - AIR AS SPECIFIED |
| TEIS | 1882 | IR | FLOW AND PRESSURE TESTING - T63 AND 250 FRONT COMPRESSOR SUPPORT ASSEMBLIES |
| TEMS | 10 | IR | QUENCHING OIL, REFINED PETROLEUM |
| TEMS | 75 | IR | FINGERPRINT CORROSION INHIBITING COMPOUND |
| TEMS | 31 | IR | OIL, FLUORESCENT PENETRANT - HIGH FLUORESCENCE, SOLVENT SOLUBLE |
| TEMS | 35 | IR | OIL, SYNTHETIC LUBRICATING PROP-JET |
| TEMS | 100 | IR | VAPOR DEGREASING SOLVENT |
| TEMS | 105 | IR | CLEANER FOR ALUMINUM AND MAGNESIUM |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| TEMS | 115 | IR | ALUMINUM POWDER |
| TEMS | 129 | IR | METHYL ETHYL KETONE |
| TEMS | 26690 | IR | ALUMINUM COATING-HEAT AND CORROSION RESISTANT INORGANIC BINDER-AIR DRY |
| TEMS | 26725 | IR | CORROSION RESISTANT PAINT (TWO COMPONENT) (IMPACT RESISTANT) |
| TEMS | 27605 | IR | DRY LUBRICANT |
| TEMS | 27610 | IR | HIGH TEMPERATURE LUBRICANT & ANTI-SEIZE COMPOUND SILICONE-MOLYBDENUM DISULFIDE |
| TEMS | 27700 | IR | EXPANDING JOINT COMPOUND HIGH TEMPERATURE |
| TEMS | 27710 | IR | SEALING COMPOUND SYNTHETIC OIL RESISTANT |
| TEMS | 29515 | IR | ALUMINUM COATING-HEAT AND CORROSION RESISTANT ORGANO-INORGANIC BINDER |
| TEMS | 29516 | IR | ALUMINUM COATING-HEAT AND CORROSION RESISTANT INORGANIC BINDER-AIR DRY TOUCH-UP |
| TEMS | 29520 | IR | ALUMINUM COATING-HEAT AND CORROSION RESISTANT THEMOSSETTING, INORGANIC BINDER |
| TEMS | 51200 | IR | PHOSPHOR BRONZE, 88 COPPER - 4 LEAD - 4 TIN - 4 ZINC FREE CUTTING - HARD TEMPER |
| TEMS | 51700 | IR | BRASS FORGINGS, Cu 58 - Mn 2.5 - Si 1.0 - Al 1.25 - Zn BALANCE |
| TEMS | 52130 | IR | PHOSPHOR BRONZE (90 COPPER - 10 TIN) HARD TEMPER |
| TEMS | 54500 | IR | NICKEL - COPPER ALLOY, CORROSION RESISTANT .67 NICKEL - 30 COPPER ANNEALED |
| TEMS | 54515 | IR | NICKEL - COPPER - ALUMINUM ALLOY, CORROSION RESISTANT 66.5 NICKEL - 25 COPPER - 3 ALUMINUM |
| TEMS | 54700 | IR | SILVER, COMMERCIALY PURE |
| TEMS | 56510 | IR | BRAZING ALLOY, SILVER 72 SILVER - 28 COPPER |
| TEMS | 60015 | IR | SHOT, HARDENDED, CAST STEEL |
| TEMS | 60075 | IR | WELDING WIRE - LOW CARBON STEEL PLAIN OR COPPER COATED |
| TEMS | 60610 | IR | STEEL WIRE, WELDING 0.40 Cr (0.01-0.15C) AND 0.50 Mo (0.07-0.12C) |
| TEMS | 72270 | IR | STEEL - CORROSION AND MODERATE HEAT RESISTANT - 12.5 CHROMIUM |
| TEMS | 72610 | IR | STEEL, CORROSION AND HEAT RESISTANT - 11.7 CHROMIUM-2.5 NICKEL-1.7 MOLYBDENUM-0.33 VANADIUM VACUUM CONSUMABLE ELECTRODE MELTED |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|---|
| TEMS | 72614 | IR | STEEL BARS, FORGINGS, AND TUBING - CORROSION RESISTANT 11.7Cr - 2.5 Ni - 1.7 Mo - 0.33V (JETHETE M-152) |
| TEMS | 73000 | IR | STEEL - CORROSION AND HEAT RESISTANT - 16 CHROMIUM - 25 NICKEL - 6 MOLYBDENUM ELECTRIC FURNACE MELT |
| TEMS | 73091 | IR | STEEL, CORROSION AND HEAT RESISTANT - 15 Cr - 26 Ni - 1.3 Mo - 0.3 V (A-286) |
| TEMS | 73095 | IR | STEEL, CORROSION AND HEAT RESISTANT - 15 Cr - 26 Ni - 1.3 Mo - 0.3 V (A-286) |
| TEMS | 73120 | IR | ALLOY, BARS, AND FORGINGS, CORROSION AND HEAT RESISTANT - NICKEL BASE - 12.5 Cr - 6 Mo - 2.6 Ti - 34 Fe |
| TEMS | 73175 | IR | ALLOY BARS AND FORGINGS, CORROSION AND HEAT RESISTANT - NICKEL BASE - 15 Cr - 17 Co - 5 Mo - 3.4 Ti - 4 Al (ASTROLOY) CONSUMABLE ELECTRODE OR VACUUM INDUCTION MELTED - SOLUTION HEAT TREATED |
| TEMS | 73646 | IR | ALLOY CASTINGS-INVESTMENT-CORROSION AND HEAT RESISTANT - NICKEL BASE-9Cr - 10Co - 2.5 Mo - 10W - 1.5Ti - 1.5Ta - 5.5Al - 0.015B - 0.05Zr, VACUUM MELT - VACUUM CAST |
| TEMS | 73657 | A | ALLOY CASTINGS-INVESTMENT, CORROSION AND HEAT RESISTANT - NICKEL BASE - 16 Cr - 8.5 Co - 1.75 Mo - 2.6 W - 0.9Cb - 3.4 Ti - 1.75 Ta - 3.4 Al (IN738C & LC) VACUUM MELT - VACUUM CAST |
| TEMS | 73725 | IR | ALLOY CASTING - PRECISION INVESTMENT - CORROSION AND HEAT RESISTANT, COBALT BASE - 20 Cr, 15 W, 10 Ni - L-605 |
| TEMS | 83060 | IR | METALLURGICAL REQUIREMENTS FOR BALL AND ROLLER BEARING COMPONENTS MADE FROM ALLOY AND STAINLESS STEELS |
| TEMS | 85000 | IR | STUDS, BOLTS AND SCREWS; STEEL, CORROSION RESISTANT HEAT TREATED - ROLL THREADED |
| TEMS | 85010 | IR | STUDS, BOLTS AND SCREWS; STEEL ALLOY HEAT TREATED - ROLL THREADED |
| TEMS | 85030 | IR | BOLTS, SCREWS, AND STUDS; STEEL, CORROSION AND HEAT RESISTANT HEAT TREATED - ROLL THREADED |
| TEMS | 85045 | IR | BOLTS, SCREWS, STEEL, CORROSION RESISTANT ROLL THREADED, HEAT TREATED, CONDITION H-1100 |
| | | | |
| TEPS | 200 | IR | Carburizing, Carbonitriding and Related Heat Treatments - AMS 6250, AMS 6260, AMS 6265, AMS 6267, TEMS 65002 |
| TEPS | 202 | A | Carburizing and Related Heat Treatments - Highly Stressed Gears and Pinions |
| TEPS | 214 | IR | Carburizing and Related Heat Treatments - TEMS 63960 and TEMS 63962 |
| TEPS | 216 | IR | Carburizing, Carbonitriding and Related Heat Treatments - AMS 6270, AMS 6272, AMS 6274, AMS 6276, AMS 6277 |
| TEPS | 218-20 | IR | Carburizing and Related Heat Treatments - AMS 6274, AMS 6276, AMS 6277, AISI 8620 Bearing Components |
| TEPS | 218-21 | IR | Carburizing and Related Heat Treatments - AMS 6274, AMS 6276, AMS 6277, AISI 9620 Bearing Components |
| TEPS | 219 | IR | Carburizing and Related Heat Treatments - AMS 6294, AMS 6299 |
| TEPS | 244 | IR | Heat Treatment of Steel Parts - AMS 5120 |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| TEPS | 249 | IR | Heat Treatment of Steel Parts - AMS 5334, AMS 6280, AMS 6281, AMS 6335, AMS 6530, AMS 6550 |
| TEPS | 251 | IR | Heat Treatment of AMS 6282 and AMS 6357 (SAE 8735) Steel Parts |
| TEPS | 253 | IR | Heat Treatment of AMS 6322, AMS 6323, AMS 6324, and AMS 6358 (SAE 8740) Steel Parts |
| TEPS | 256 | IR | Heat Treatment of AMS 5132 (SAE 1095) Steel |
| TEPS | 258 | IR | Heat Treatment of Martensitic Stainless Steel Parts - AMS 5630 |
| TEPS | 259 | IR | Heat Treatment of Steel Parts - AMS 6350, AMS 6370, AMS 6371 [(SAE 4130) Type Composition] |
| TEPS | 260-5 | IR | Heat Treatment of Steel Parts - TEMS 65030, TEMS 65034, AMS 6431 And AMS 6438 (D6) Steels |
| TEPS | 260 | IR | Heat Treatment of Steel Parts - AMS 6359, AMS 6414, AMS 6415 and SAE 4340 |
| TEPS | 263 | IR | HEAT TREATMENT OF STEEL PARTS - AMS 6448, AMS 6450, AND AMS 6455 |
| TEPS | 265 | IR | HEAT TREATMENT OF STEEL PARTS - AMS 5338, AMS 6381, AND AMS 6382 |
| TEPS | 267-1 | IR | HEAT TREATMENT OF CORROSION RESISTANT STEEL PARTS - (AISI 403 AND AISI 410 TYPE) |
| TEPS | 267 | IR | HEAT TREATMENT OF CORROSION RESISTANT STEEL PARTS - AMS 5610 |
| TEPS | 269 | A | NITRIDING AND RELATED HEAT TREATMENTS - AMS 6359, AMS 6414, AND AMS 6415 STEEL |
| TEPS | 270 | IR | NITRIDING AND RELATED HEAT TREATMENTS - AMS 6470, AMS 6471, AND AMS 6475 STEEL |
| TEPS | 295 | IR | SOLUTION AND PRECIPITATION HEAT TREATMENT - 6061 ALUMINUM ALLOY |
| TEPS | 316 | IR | STRIPPING OF COPPER AND BRONZE PLATE FROM PARTS |
| TEPS | 333 | IR | ANNEALING OF HEAT AND CORROSION RESISTANT ALLOYS |
| TEPS | 345 | IR | VAPOR DEGREASING |
| TEPS | 355 | B | STRESS ANNEAL HEAT TREATMENT - COMPRESSOR ROTOR BLADES |
| TEPS | 372 | IR | PRECIPITATION AND DIFFUSION HEAT TREATMENT - CORROSION AND HEAT RESISTANT STEEL (TYPE 310) |
| TEPS | 380 | IR | HEAT TREATMENT OF STAINLESS STEEL PARTS - AMS 5506, AMS 5620, AND AMS 5621 |
| TEPS | 390 | IR | STRESS RELIEF HEAT TREATMENT OF WELDED ASSEMBLIES - LOW ALLOY STEEL |
| TEPS | 401 | A | SOLUTION AND PRECIPITATION HEAT TREATMENT - AMS 5355, AMS 5398, AND AMS 5643(17-4PH) |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|--|
| TEPS | 416 | IR | HEAT TREATMENT OF CORROSION AND HEAT RESISTANT ALLOY PARTS - AMS 5544, AMS 5708, TEMS 73644(WASPALLOY) |
| TEPS | 420 | IR | HEAT TREATMENT - CORROSION AND HEAT RESSISTANT STEEL PARTS - A286 |
| TEPS | 423 | IR | SOLUTION AND PRECIPITATION HEAT TREATMENT - TEMS 73657 |
| TEPS | 433-1 | IR | HOMOGENIZATION, SOLUTION AND PRECIPITATION HEAT TREATMENT - AMS 5383 (INCONEL 718) CASTINGS |
| TEPS | 433 | IR | SOLUTION AND PRECIPITATION HEAT TREATMENT - AMS 5596, TEMS 73118, AND TEMS 73718 (INCONEL 718 ALLOY) |
| TEPS | 435 | IR | HEAT TREATMENT OF CORROSION AND HEAT RESISTANT STEEL PARTS - TEMS 70775, TEMS 73120, AND AMS 5660 |
| TEPS | 485 | IR | HEAT TREATMENT OF STEEL PARTS - AMS 6437, AMS 6485, AMS 6487(H11) |
| TEPS | 486-40 | IR | SKF HEAT TREATMENT OF STEEL BEARING CAGES |
| TEPS | 489 | IR | NEW DEPARTURE HYATT BEARING - HEAT TREATMENT - AMS 6490 AND AMS 6491 BEARING COMPONENTS |
| TEPS | 496-1 | IR | HEAT TREATMENT OF CORROSION RESISTANT STEEL PARTS - TEMS 72610 AND TEMS 70610(AIR MELT JETHETE M152) |
| TEPS | 496 | IR | HEAT TREATMENT OF CORROSION RESISTANT STEEL PARTS - TEMS 72610 (VACUUM CONSUTRODE REMELT JETHETE M152) |
| TEPS | 497 | IR | HEAT TREATMENT STEEL PARTS - AMS 6440, AMS 6441, AMS 6444, AMS 6447, TEMS 64992, TEMS 64993, SAE 52100 |
| TEPS | 11715 | IR | APPLICATION OF SURFACE BONDED LUBRICANT (MODERATE TEMPERATURE APPLICATIONS) |
| TEPS | 12176 | A | SHOT PEENING, CAST STEEL SHOT |
| TEPS | 10040 | IR | COATING, ALUMINUM-MANGANESE-CHROMIUM ELECTROPHORETIC DIFFUSED |
| TEPS | 10115 | IR | BRONZE PLATING |
| TEPS | 10142 | IR | COATING, CHROMIUM - THIN, DENSE, NODULAR |
| TEPS | 10235 | IR | NICKEL - CADMIUM PLATING -DIFFUSED |
| TEPS | 10258 | | SEE AMS 2410 |
| TEPS | 10493 | IR | FLAME PLATING TUNGSTEN (EXTRA STRONG) CARBIDE |
| TEPS | 10494 | IR | TUNGSTEN CARBIDE COATING - 85WC-15Co |
| TEPS | 10497 | IR | FLAME PLATING - CHROMIUM PLUS NICKEL-CHROMIUM ALLOY POWDER |
| TEPS | 10638 | IR | ALUMINUM PACK COATING - ALPAK (2050°F DIFFUSION) |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|---------|-----|---|
| TEPS | 10654 | A | COATING, PRE-ALLOYED, ALUMINUM - CHROMIUM ELECTROPHORETIC, DIFFUSED, FOR APPLICATION TO CAST COBALT BASE BAS TURBINE COMPONENTS |
| TEPS | 10675 | IR | ALUMINUM COATING, CORROSION AND HEAT RESISTANT - APPLICATION TO STEEL COMPONENTS - LOW TEMPERATURE CURE |
| TEPS | 10676 | IR | ALUMINUM COATING, CORROSION AND HEAT RESISTANT - APPLICATION TO STEEL COMPONENTS |
| TEPS | 10705-1 | IR | COATING, TITANIUM NITRIDE PHYSICAL VAPOUR DEPOSITION - COMPRESSOR AIRFOILS |
| TEPS | 11250 | IR | PASSIVATION - AUSTENITIC HEAT AND CORROSION RESISTANT STEELS AND ALLOYS |
| TEPS | 11304 | IR | TEMS 26725 CORROSION PROTECTIVE PAINT APPLICATION FOR IMPACT RESISTANCE |
| TEPS | 11318 | IR | ALUMINUM COATING, CORROSION AND HEAT RESISTANT, APPLICATION TO STEEL COMPONENTS, 1000°F (538°C)POST CURE, INITIAL CURE PLUS POST CURE |
| TEPS | 11319 | IR | ALUMINUM COATING, CORROSION AND HEAT RESISTANT - APPLICATION TO STEEL COMPONENTS |
| TEPS | 11322 | IR | PROTECTIVE COATING FOR METALS - TEFLON RESIN BASE |
| TEPS | 11333 | IR | ALUMINUM SEALANT COMPOUND - RETENTION OF VANE ASSEMBLY AIR SEALS |
| TEPS | 11400 | IR | APPLICATION OF AMS 3132 PERMANENT - RESIN COATING FOR ENGINE PARTS |
| TEPS | 11430 | IR | APPLICATION OF AMS 3135 (PERMANENT RESIN COATING) |
| TEPS | 11712 | IR | APPLICATION OF MATRIX BONDED LUBICANT |
| TEPS | 11785 | IR | BRUSH APPLIED CHEMICAL TOUCH-UP OF ABRADED, ANODIZED COATINGS ON ALUMINUM OR ALUMINUM ALLOY SURFACES (ALODINE PROCESS) |
| TEPS | 12000 | IR | GRIT BLASTING |
| TEPS | 12013 | IR | DRY HONING (GLASS BEAD ABRASIVE) |
| TEPS | 12016 | A | GRIT BLASTING, DRY METALLIC GRIT |
| TEPS | 12020 | IR | GRIT BLAST - WET 325 GRIT SILICA |
| TEPS | 12050 | IR | TUMBLING OF COMPRESSOR ROTOR BLADES |
| TEPS | 12075 | IR | GLASS BEAD PEENING OR BLASTING |
| TEPS | 12110 | IR | STABILIZING CUT WIRE SHOT |
| TEPS | 12120 | IR | SHOT PEENED FINISH (MISCELLANEOUS STEEL PARTS) |
| TEPS | 12130 | A | MEASUREMENT OF SHOT PEENING INTENSITY |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|---|
| TEPS | 12140 | IR | SHOT PEENING - GEARS CUT WIRE OR CAST STEEL SHOT |
| TEPS | 12176 | B | SHOT PEENING, CAST STEEL SHOT |
| TEPS | 12810 | IR | HOT ISOSTATIC PRESSING - CASTINGS |
| TEPS | 12820 | IR | IMPREGNATION OF POROUS CASTINGS |
| TEPS | 13035 | IR | ETCHING-TURBINE BLADES AND VANES |
| TEPS | 13036 | IR | SUPEROXOL ETCHING - INTERGRAL TURBINE WHEEL AND/OR BLADES AND VANES |
| TEPS | 13066 | IR | SOLUTIN MACHINING - CASE HARDENED PROTUBERANCE CUT GEARS |
| TEPS | 14165 | IR | THERMOSETTING ADHESIVE (ONE COMPONENT) HIGH STRENGTH |
| TEPS | 14215 | IR | SILVER BRAZING HIGH TEMPERATURE SILVER SEALS |
| TEPS | 14347 | IR | CASTING OF AMS 4750 LEAD SOLDER SEALING RINGS |
| TEPS | 14356 | IR | SILVER BRAZING TURBOPROP STATOR VANES |
| TEPS | 14450 | IR | HOT UPSETTING - COMPRESSOR STATOR VANES |
| TEPS | 14500 | IR | WELDING AND BRAZING SYMBOLS |
| TEPS | 14520 | A | RESISTANT SPOT AND SEAM WELDING FERROUS, NICKEL BASE, AND HEAT RESISTANT ALLOYS |
| TEPS | 14525 | IR | RESISTANCE SPOT AND SEAM WELDING ALUMINUM AND ALUMINUM ALLOYS |
| TEPS | 14530 | IR | FUSION WELDING - CERTIFICATION OF WELDERS |
| TEPS | 15555 | IR | HOT ALKALINE CLEANING TITANIUM-BASE ALLOY PARTS |
| TEPS | 15585 | IR | REMOVAL OF SCALE AND OXIDE FILM FROM HEAT AND CORROSION RESISTANT STEELS AND ALLOYS |
| TEPS | 15590 | IR | MOLTEN SALT CLEANING |
| TEPS | 15600 | IR | ACID PICKLING - NITRIDED STEEL PARTS |
| TEPS | 16400 | A | IDENTIFICATION OF PARTS - FINISHED, SEMI-FINISHED OR ROUGH |
| TEPS | 16410 | IR | IDENTIFICATION OF MATERIAL PARTS, FABRICATED OR SEMI-FINISHED |
| | | | |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|-----------------------|--------|-----|--|
| THS | 26 | IR | ALUMINUM ALLOY, SOLID BLADE FORGINGS |
| THS | 31 | IR | INSPECTION - MAGNETIC PARTICLE |
| THS | 43 | IR | HEAT TREATMENT OF CARBON AND LOW ALLOY STEELS |
| THS | 93 | IR | INSPECTION - RADIOGRAPHIC PROCESS FOR |
| THS | 95 | IR | SURFACE ROUGHNESS WAVINESS AND LAY |
| THS | 140 | IR | ELECTRICAL INSULATING AND WATERPROOF MATERIALS, PROCESS SPECIFICATION FOR |
| THS | 178 | IR | CORROSION RESISTANT STEEL PARTS, ACCEPTANCE OF |
| THS | 191 | IR | WELDING - FUSION |
| THS | 198 | IR | BRAZING - STEELS AND COPPER ALLOYS |
| THS | 206 | IR | GLASS BEAD PEENING |
| THS | 210 | IR | SPUR AND HELICAL GEAR AND INVOLUTE SPLINE REQUIREMENTS |
| THS | 240 | IR | CHEMICAL FILMS FOR ALUMINUM AND ALUMINUM ALLOYS |
| THS | 256 | IR | INVESTMENT CASTINGS |
| THS | 279 | IR | STEEL - CORROSION, RESISTANT, PRECIPITATION HARDENABLE |
| THS | 333 | IR | IDENTIFICATION OF PARTS SUBASSEMBLIES AND ASSEMBLIES |
| THS | 424 | IR | CASTINGS, ACCEPTANCE OF |
| THS | 447 | IR | INSPECTION - FLUORESCENT PENETRANT |
| THS | 453 | IR | MAGNESIUM BASE ALLOY PROTECTIVE TREATMENT FOR |
| THS | 454 | IR | HEAT TREATMENT OF ALUMINUM ALLOYS, PROCESS SPECIFICATION FOR |
| THS | 461 | IR | HEAT TREATMENT OF CORROSION RESISTANT STEELS |
| THS | 750 | IR | COATING ALUMINUM ALLOY, PREMIUM QUALITY, ACCEPTANCE AND MATERIAL SPECIFICATION |
| THS | 760 | IR | PICKLING - CORROSION RESISTANT STEEL CASTINGS AND FORGINGS, PROCESS FOR |
| THS | 851 | IR | STEEL, AIRCRAFT QUALITY ACCEPTANCE OF |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|---|
| THS | 915 | IR | INK - MARKING, PERMANENT |
| THS | 1082 | IR | SURFACE ROUGHNESS, WAVINESS, CONTACT AREA AND LAY |
| THS | 1173 | IR | GAS NITRIDING OF LOW AND MEDIUM ALLOY STEELS, SPECIFICATION FOR |
| THS | 1550 | IR | CLEANLINESS, PRESERVATION AND HANDKLING OF PRODUCTS, PROCESS SPECIFICATION FOR |
| THS | 1552 | IR | INSERTS - SCREW THREAD, HELICAL INSTALLATION OF |
| THS | 2071 | IR | CASTINGS - CLOSE TOLERANCE, CORROSION RESISTANT STEEL 18 Cr - 9 Ni |
| THS | 2072 | IR | CASTINGS - CLOSE TOLERANCE, CORROSION RESISTANT STEEL 18 Cr - 11 Ni |
| THS | 2073 | IR | CORROSION RESISTANT STEEL 16CR - 4NI - 4CU FOR CLOSE TOLERANCE CASTING MATERIAL |
| THS | 2074 | IR | CASTING - CLOSE TOLERANCE, CORROSION RESISTANT STEEL 12 Cr |
| THS | 2076 | IR | CASTING CLOSE TOLERANCE CORROSION RESISTANT STEEL 13CR-2Ni-3W |
| THS | 2077 | IR | ALUMINUM ALLOY CASTINGS CLOSE TOLERANCE 7.0 Si - 0.32 Mg |
| THS | 3197 | IR | FILM, EPOXY-POLYAMIDE CORROSION PROTECTIVE PROCESS SPECIFICATION FOR |
| THS | 4845 | IR | INSPECTION, RADIOGRAPHIC, PROCESS SPECIFICATION FOR |
| THS | 5623 | IR | HEAT TREATMENT OF NICKEL AND COBALT BASE ALLOYS |
| THS | 7250 | IR | INSPECTION - ULTRASONIC |
| THS | 7725 | IR | INSPECTION - ETCH PRIOR TO PENETRANT |
| THS | 9138 | IR | IDENTIFICATION, PRODUCT, SPECIFICATION FOR |
| | | | |
| VAC | 100 | D | INVESTMENT CASTINGS - TURBINE NOZZLE AND VANE DIFFUSERS |
| | | | |
| VIC | T001 | B | A23037403/E23037403/E23038137/E23071309/E23071313 PT INNER SHAFT |
| VIC | T002 | B | A6898784/E6898784/EH6898784 ADAPTER, SPLINED 2ND STAGE |
| VIC | T003 | NC | A6871259/E6871259 BOLT, TIE, COMPRESSOR, ROTOR |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|---|
| VIC | T004 | NC | A23008020/E23008020 BOLT, TIE, TURBINE |
| VIC | T005 | NC | A23038218/E23038218/E23038218-738/E23038219-738 NOZZLE ASSEMBLY, TURBINE, 1ST STAGE |
| VIC | T006 | A | A6898561/E6898561/EH6898561 COUPLING, ADAPTER COMPRESSOR |
| VIC | T007 | A | E6898977 COUPLING, TURBINE TO COMPRESSOR |
| VIC | T008 | B | E6870832/E250-10415/EX250-10415 COUPLING, TURBINE SHAFT TO PINION GEAR |
| VIC | T009 | NC | A68777361-1 & -2/E68777361 & -2 SEAL, LABYRINTH, STATOR |
| VIC | T010 | NC | A23031938/E23031938 SECOND STAGE NOZZLE |
| VIC | T011 | C | A23037413/E23037413/EH23037413/E250-10416/EX250-10416 SHAFT P.T. OUTER |
| VIC | T012 | NC | A6840406/E6840406 TURBINE NUT |
| VIC | T013 | A | A23039791/E23039791 COMPRESSOR COUPLING ADAPTER |
| VIC | T014 | NC | A6888547/E6888547 OIL SUMP COVER |
| VIC | T015 | NC | A6886407/E6886407 1st STAGE TURBINE WHEEL |
| VIC | T017 | NC | A6890040/E6890040 1st STAGE TURBINE NOZZLE SHIELD |
| VIC | T018 | NC | A6887761/E6887761 THERMOCOUPLE HARNESS ASSEMBLY |
| VIC | T019 | A | A6898764/E6898764 CARBON SEAL ASSEMBLY |
| VIC | T020 | NC | A23031921/E23031921 GEARSHAFT SPUR ADAPTER |
| VIC | T021 | NC | A6899239/E6899239 GEARSHAFT SPUR ADAPTER |
| VIC | T022 | NC | A23032283/E23032283 BEARING CAGE |
| VIC | T023 | NC | A23057111/E23057111 1st STAGE COMPRESSOR WHEEL |
| VIC | T024 | NC | A23057112/E23057112 SECOND & THIRD STAGE COMPRESSOR WHEEL |
| VIC | T025 | NC | A23057114/E23057114 4TH STAGE COMPRESSOR WHEEL |
| VIC | T026 | NC | A23057115/E23057115 5TH STAGE COMPRESSOR WHEEL |
| VIC | T027 | NC | A23057116/E23057116 6TH STAGE COMPRESSOR WHEEL |

Index Revision Date:
2023-04-13

EXTEX ENGINEERING SPECIFICATIONS

MASTER LIST

| SPECIFICATION TYPE | NUMBER | REV | TITLE |
|--------------------|--------|-----|---|
| VIC | T028 | NC | AC8218D1/EC8218D1, AC8218D2/EC8218D2 NOZZLE, CASTING |
| VIC | T030 | NC | A23056108/E23056108, E23060429 COMBUSTION LINER |
| VIC | T031 | NC | A6871902/E6871902 SEAL, MATING RING, FRONT COMPRESSOR |
| VIC | T032 | NC | A6840407/E6840407 NUT, SPANNER - .750-20 THD |
| VIC | T034 | NC | A6875628/E6875628 COMBUSTION LINER |
| VIC | T036 | NC | A6888529/E6888529 GEARSHAFT, STARTER/GEN. |
| VIC | T039 | NC | A6854086/E6854086 OIL SEAL |
| VIC | T040 | NC | A6856211/E6856211 OIL SEAL |
| VIC | T041 | NC | A6854521/E6854521 OIL SEAL |
| VIC | T042 | NC | A6854424/E6854424 OIL SEAL |
| VIC | T043 | A | Vane and Band Assys, E6899391 thru E6899396 |