

AC Checklists posted on JAQG Web

| PROCESS | AC Number | Latest Revision | ACs Currently Posted | Remarks |
|---|-----------|-----------------|----------------------|---------|
| AEROSPACE QUALITY SYSTEM (AQS) | | | | |
| Inspection and Test Quality System | AC7004 | Rev.E | Posted | |
| CHEMICAL PROCESSING (CP) | | | | |
| Basic Chemical Processing Checklist | AC7108 | Rev.F | Posted | |
| Painting & Dry Film Coatings | AC7108/1 | Rev B | Posted | |
| Etch | AC7108/2 | Rev C | | |
| Surface preparation prior to metal bonding | AC7108/3 | Rev B | Posted | |
| Independant Testing Laboratories | AC7108/4 | Rev A | | |
| Chemical Milling | AC7108/5 | Rev A | Posted | |
| Cleanliness Verification | AC7108/6 | Rev A | | |
| Vacuum Cadmium Deposition | AC7108/7 | Rev A | | |
| COATINGS (CT) | | | | |
| Basic Coatings Checklist | AC7109 | Rev.D | Posted | |
| Thermal Spray | AC7109/1 | Rev.C | Posted | |
| Vapor Deposit | AC7109/2 | Rev.C | | |
| Diffusion Processes | AC7109/3 | Rev.D | | |
| Stripping | AC7109/4 | Rev.C | Posted | |
| Coating Evaluation Lab Practices | AC7109/5 | Rev.E | Posted | |
| Plating of Coated Parts | AC7109/6 | Rev.C | | |
| Heat Treating for Suppliers of Coatings | AC7109/7 | Rev.C | | |
| HEAT TREATING (HT) | | | | |
| Basic Heat Treating Checklist | AC7102 | Rev.G | Posted | |
| Brazing | AC7102/1 | Rev.E | | |
| Aluminum Heat Treating | AC7102/2 | Rev.C | Posted | |
| Carburizing | AC7102/3 | Rev.B | | |
| Nitriding | AC7102/4 | Rev.B | | |
| Hardness Testing | AC7102/5 | Rev.C | | |
| Hot Isostatic Pressing (HIP) | AC7102/6 | NC | | |
| Supplemental Audit Criteria for Heat Treating | AC7102 S | Rev.E | Posted | |
| MATERIALS TESTING LABS (MTL) | | | | |
| General Requirements for All Laboratories | AC7101/1 | Rev E | | |
| Chemical Testing | AC7101/2 | Rev.C | | |
| Mechanical Testing | AC7101/3 | Rev.C | Posted | |
| Metallography & Microhardness | AC7101/4 | Rev D | Posted | |
| Hardness | AC7101/5 | Rev C | | |
| Corrosion | AC7101/6 | Rev.C | | |
| Mechanical Test Specimen | AC7101/7 | Rev.C | | |
| Differential Thermal Analysis | AC7101/8 | Rev B | | |
| Heat Treating | AC7101/9 | Rev B | | |
| Fastener Testing | AC7101/11 | Rev.B | | |
| ISO/IEC 17025 | AC7006 | Rev.G | | |
| NONCONVENTIONAL MACHINING (NM) | | | | |
| Nonconventional Machining (Electrochemical machining, grinding, electrical discharge, laser beam machining) | AC7116 | Rev B | Posted | |
| Electrochemical Machining (ECM) | AC7116/1 | Rev C | | |
| Electrochemical Grinding (ECG) | AC7116/2 | Rev B | | |
| Electrical Discharge Machining (EDM) | AC7116/3 | Rev B | | |
| Laser Beam Machining (LBM) | AC7116/4 | Rev.B | Posted | |
| SURFACE ENHANCEMENT (SE) | | | | |
| Shot Peening, Peen Forming, Glass Bead Peening | AC7117 | Rev A | Posted | |
| Supplement, Shot Peening, Peen Forming, Glass Bead Peening | AC7117S | NC | Posted | |
| Computer Controlled Peening | AC7117/1 | NC | | |
| Supplement, Computer Controlled Peening | AC7117/1S | NC | | |
| Automated Peening | AC7117/2 | NC | Posted | |
| Supplement, Automated Peening | AC7117/2S | NC | Posted | |
| Peen Forming | AC7117/3 | NC | | |
| Supplement, Peen Forming | AC7117/3S | NC | | |
| Flapper Peening | AC7117/4 | NC | Posted | |
| Supplement, Flapper Peening | AC7117/4S | NC | | |
| Manual Peening | AC7117/5 | NC | Posted | |
| Supplement, Manual Peening | AC7117/5S | NC | Posted | |
| NONDESTRUCTIVE TESTING (NDT) | | | | |
| Basic NDT Checklist | AC7114 | Rev.G | Posted | |
| Supplement, NonDestructive (NDT) | AC7114S | Rev.I | | |
| Penetrant | AC7114/1 | Rev.G | Posted | |
| Supplement, NonDestructive Testing Facility Penetrant Survey | AC7114/1S | Rev.I | | |
| Magnetic Particle | AC7114/2 | Rev.G | Posted | |
| Supplement, NonDestructive Testing Magnetic Particle Survey | AC7114/2S | Rev.I | | |
| Ultrasonic | AC7114/3 | Rev.H | Posted | |
| Supplement, NonDestructive Testing Facility Ultrasonic Survey | AC7114/3S | Rev.I | | |
| Radiography | AC7114/4 | Rev.G | Posted | |
| Supplement, NonDestructive Testing Facility Radiography Survey | AC7114/4S | Rev.I | | |
| Eddy Current | AC7114/5 | Rev.A | | |
| Digital Radiography, Digital Detector Array (DDA) | AC7114/6 | Rev.A | | |

AC Checklists posted on JAQG Web

| PROCESS | AC Number | Latest Revision | ACs Currently Posted | Remarks |
|---|------------|-----------------|----------------------|---------|
| WELDING (WLD) | | | | |
| Basic Welding Checklist | AC7110 | Rev.E | Posted | |
| Brazing – Torch/Induction | AC7110/1 | Rev.F | | |
| Flash Welding | AC7110/2 | Rev.E | | |
| Electron Beam Welding | AC7110/3 | Rev.G | | |
| Supplement, Electron Beam Welding | AC7110/3S | Rev.C | | |
| Resistance Welding (Spot, Seam, Projection) | AC7110/4 | Rev.G | | |
| Supplement, Resistance Welding | AC7110/4S | Rev.C | | |
| Fusion Welding | AC7110/5 | Rev.G | Posted | |
| Supplement, Fusion Welding | AC7110/5S | Rev.C | Posted | |
| Laser Welding | AC7110/6 | Rev.G | | |
| Supplement, Laser Welding | AC7110/6S | Rev.C | | |
| Rotational Friction/Inertia Welding | AC7110/7 | Rev.E | | |
| Diffusion Welding | AC7110/8 | Rev.F | | |
| Percussion Stud Welding | AC7110/9 | Rev.E | | |
| Welder/Welding Operator Qualification | AC7110/12 | Rev.E | Posted | |
| Supplement, Welder/Welding Operator Qualification | AC7110/12S | Rev.D | Posted | |
| Metallographic Evaluation of Welds | AC7110/13 | Rev.B | | |
| Supplement, Metallographic Evaluation of Welds | AC7110/13S | Rev.C | Posted | |
| COMPOSITE (COMP) | | | | |
| Basic Composites Checklist | AC7118 | Rev.C | Posted | |
| CONVENTIONAL MACHINING AS A SPECIAL PROCESS(CMSP) | | | | |
| Conventional Machining as a special process (Holemaking, Broaching, Turning, Milling, Grinding, Edge Treatment) | AC7126 | Rev.A | | |
| Holemaking | AC7126/1 | Rev.A | | |
| Broaching | AC7126/2 | Rev.A | | |
| Turning | AC7126/3 | Rev.A | | |
| Milling | AC7126/4 | Rev.A | | |
| Grinding | AC7126/5 | Rev.A | | |
| Edge Treatment | AC7126/6 | Rev.A | | |
| ELASTMER SEALS (SEAL) | | | | |
| Manufacture of Elastomer Seals | AC7115 | Rev.B | | |
| ELECTRONICS (ETG) | | | | |
| Electronics Printed Circuit Boards | AC7119 | Rev.E | | |
| Rigid Printed Boards | AC7119/1 | NC | | |
| Electronics Flexible and Rigid-Flexible Printed Boards | AC7119/2 | NC | | |
| Electronics High Density Interconnect Printed Boards | AC7119/3 | NC | | |
| Circuit Card Assemblies | AC7120 | Rev.B | | |
| Electronics Cable and Harness Assemblies | AC7121 | Rev.A | | |
| FLUID DISTRIBUTION SYSTEMS (FLU) | | | | |
| Fluids Systems Manufacturers | AC7112 | Rev.A | | |
| Hose Manufacturing | AC7112/1 | Rev.A | | |
| Fittings and Other Machined Components | AC7112/2 | Rev.A | | |
| Couplings and Formed Sheet Metal Components | AC7112/3 | Rev.A | | |
| Hose Assembly | AC7112/4 | Rev.B | | |
| Titanium 3Al-2.5V Alloy, Seamless Hydraulic Tubing Manufacturing | AC7112/6 | NC | | |
| Fluid Distribution Systems For Value Added Hose Assembly Distributors | AC7123 | Rev.B | | |
| NON METALLIC MATERIALS TESTING (NMMT) | | | | |
| Nonmetallic Materials - Testing Laboratories | AC7122 | Rev.A | | |
| Nonmetallic Materials - Testing Laboratories Class A Composite | AC7122/1 | Rev.A | | |
| Non Metallic Materials - Testing Laboratories - Physical Testing | AC7122/2 | NC | | |
| Non Metallic Materials - Testing Laboratories - Chemical Testing | AC7122/3 | NC | | |
| Non Metallic Materials - Testing Laboratories - Thermal Testing | AC7122/4 | NC | | |
| Non Metallic Materials - Testing Laboratories - Flammability Testing | AC7122/5 | NC | | |
| NON METALLIC MATERIALS MANUFACTURING (NMMM) | | | | |
| Non Metallic Materials – Manufacturing | AC7124 | NC | | |
| Non Metallic Materials – Manufacturing Resin | AC7124/1 | NC | | |
| Non Metallic Materials – Manufacturing Prepreg | AC7124/2 | NC | | |
| Non Metallic Materials – Manufacturing Adhesive Films | AC7124/3 | NC | | |