

AC Checklists posted on JAQG Web

PROCESS	AC Number	Revision (Original AC posted on eAuditNet (PRI) / Translated AC posted on JAQG Web, except as noted)	ACs Currently Posted on JAQG Web	Link to Applicable Area	Remarks
AEROSPACE QUALITY SYSTEM (AQS)					
Quality Management System	AC7004	Rev.G Δ1			
Quality Management System for Non-Special Process Suppliers	AC7005	Rev.A Δ1			
CHEMICAL PROCESSING (CP)					
Basic Chemical Processing Checklist	AC7108	Rev.I Δ2	Posted	LINK	
Application of Paint and Dry Film Lubricants, and Application of Sol Gel as a Preparation for Paint	AC7108/1	Rev.D Δ2	Posted		
Etch	AC7108/2	Rev.F	Posted		
Surface preparation prior to metal bonding	AC7108/3	Rev.C	Posted		
Solution Analysis and Testing in Support of Chemical Processing	AC7108/4	Rev.C Δ1	Posted		
Alpha Case Removal and Chemical Milling	AC7108/5	Rev.B	Posted		
Cleanliness Verification	AC7108/6	Rev.C Δ1			
Vacuum Cadmium and Aluminum IVD	AC7108/7	Rev.B			
Anodize (Not as a Preparation for Metal Bond)	AC7108/8	NC Δ1	Posted		
Electroplating	AC7108/9	NC	Posted		
Electroless Plating	AC7108/10	NC	Posted		
Conversion Coating (e.g. Chromate Coatings, Phosphate Coatings)	AC7108/11	NC	Posted		
Acid Cleaning, Descaling, Passivation and Electro-Polish	AC7108/12	Rev.A Δ1	Posted		
Brush Anodize and Plating	AC7108/13	NC	Posted		
Stripping as a Sub-Contract Process	AC7108/14	NC Δ1			
Pre-Penetrant Etch	AC7108/15	Rev.A	Posted		
COATINGS (CT)					
Basic Coatings Checklist	AC7109	Rev.F Δ2	Posted	LINK	
Thermal Spray	AC7109/1	Rev.F	Posted		
Vapor Deposit	AC7109/2	Rev.D			
Diffusion Processes	AC7109/3	Rev.G			
Stripping	AC7109/4	Rev.D	Posted		
Coating Evaluation Lab Practices	AC7109/5	Rev.G	Posted		
Plating of Coated Parts	AC7109/6	Rev.D			
Heat Treating for Suppliers of Coatings	AC7109/7	Rev.E Δ1			
Grinding of Coatings as a special process	AC7109/8	Rev.A			
HEAT TREATING (HT)					
Basic Heat Treating Checklist	AC7102	Rev.J Δ2	Posted	LINK	
Brazing	AC7102/1	Rev.F Δ2	Posted		
Aluminum Heat Treating	AC7102/2	Rev.D Δ1	Posted		
Carburizing	AC7102/3	Rev.D			
Nitriding	AC7102/4	Rev.D			
Hardness and/or Conductivity Testing	AC7102/5	Rev.E	Posted		
Hot Isostatic Pressing (HIP)	AC7102/6	NA			
Induction Hardening	AC7102/7	NA Δ1			
Pyrometry	AC7102/8	NA	Posted		
Sintering	AC7102/9	NA			
Localized Heat Treating	AC7102/10	NA			
SUPPLEMENTAL AUDIT CRITERIA for Heat Treating	AC7102 S	Rev.J Δ1	Posted		
MATERIALS TESTING LABS (MTL)					
General Requirements for All Laboratories	AC7101/1	Rev.G Δ2		LINK	
Chemical Testing	AC7101/2	Rev.E			
Mechanical Testing	AC7101/3	Rev.D	Posted		
Metallography & Microhardness	AC7101/4	Rev.F	Posted		
Hardness	AC7101/5	Rev.D			
Corrosion	AC7101/6	Rev.D Δ2			
Mechanical Test Specimen	AC7101/7	Rev.D Δ1			
Heat Treating	AC7101/9	Rev.C			
Fastener Testing	AC7101/11	Rev.C			
ISO/IEC 17025	AC7006	Rev.G			
NONCONVENTIONAL MACHINING (NM)					
NONCONVENTIONAL MACHINING (ELECTROCHEMICAL MACHINING, ELECTRO-CHEMICAL GRINDING, ELECTRICAL DISCHARGE MACHINING, LASER BEAM MACHINING, LASER PART MARKING, SPARK EROSION GRINDING, ABRASIVE WATER JET)	AC7116	Rev.C Δ1	Posted	LINK	
Electrochemical Machining (ECM)	AC7116/1	Rev.D Δ1			
Electrochemical Grinding (ECG)	AC7116/2	Rev.C Δ1			
Electrical Discharge Machining (EDM)	AC7116/3	Rev.C Δ1			
Laser Beam Machining (LBM)	AC7116/4	Rev.D Δ1	Posted		
Laser Part Marking (LPM)	AC7116/5	Rev.A Δ1			
Spark Erosion Grinding (SEG)	AC7116/6	Rev.A Δ1			
Abrasive Water Jet Machining (AWJM)	AC7116/7	NA Δ1			

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SURFACE ENHANCEMENT (SE)					
Shot Peening, Peen Forming, Glass Bead Peening	AC7117	Rev.C	Posted	LINK	
Computer Controlled Peening	AC7117/1	Rev.B Δ1			
Automated Peening	AC7117/2	Rev.B Δ1	Posted		
Peen Forming	AC7117/3	Rev.B Δ1			
Flapper Peening	AC7117/4	Rev.B Δ1	Posted		
Manual Peening	AC7117/5	Rev.B Δ1	Posted		
NONDESTRUCTIVE TESTING (NDT)					
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING (NDT) AUDITEES ACCREDITATION PROGRAM	AC7114	Rev.NΔ1	Posted	LINK	
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING (NDT) AUDITEES	AC7114S	Rev.O	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY PENETRANT SURVEY	AC7114/1	Rev.M	Posted		
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY PENETRANT SURVEY	AC7114/1S	Rev.N	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY MAGNETIC PARTICLE SURVEY	AC7114/2	Rev.M	Posted		
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY MAGNETIC PARTICLE SURVEY	AC7114/2S	Rev.N	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY ULTRASONIC SURVEY	AC7114/3	Rev.M	Posted		
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY ULTRASONIC SURVEY	AC7114/3S	Rev.N	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY FILM RADIOGRAPHY SURVEY	AC7114/4	Rev.M	Posted		
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY FILM RADIOGRAPHY SURVEY	AC7114/4S	Rev.N	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY EDDY CURRENT SURVEY	AC7114/5	Rev.E			
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY EDDY CURRENT SURVEY	AC7114/5S	Rev.C			
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY ULTRASONIC SURVEY - ROTATING COMPONENTS	AC7114/7	Rev.C			
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY ULTRASONIC SURVEY - ROTATING COMPONENTS	AC7114/7S	Rev.B Δ3			
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY REMOTE INTERPRETATION OF RADIOGRAPHIC FILMS & DIGITAL IMAGES SURVEY	AC7114/9	Rev.A			
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY DIGITAL RADIOGRAPHY, UTILIZING DIGITAL DETECTOR ARRAY (DDA) & COMPUTED RADIOGRAPHY (CR) UTILIZING PHOTOSTIMULABLE LUMINESCENCE (PSL) SURVEY	AC7114/10	Rev.A Δ1			
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY DIGITAL RADIOGRAPHY, UTILIZING DIGITAL DETECTOR ARRAY (DDA) & COMPUTED RADIOGRAPHY (CR) UTILIZING PHOTOSTIMULABLE LUMINESCENCE (PSL) SURVEY	AC7114/10S	NA			
AUDIT CRITERIA TO BE USED ON AUDITS OF NANDTB's	AC7114/11	Rev.A			
WELDING (WLD)					
Basic Welding Checklist	AC7110	Rev.F Δ1	Posted	LINK	
Brazing – Torch/Induction	AC7110/1	Rev.H			
Flash Welding	AC7110/2	Rev.F			
Electron Beam Welding	AC7110/3	Rev.H			
Supplement, Electron Beam Welding	AC7110/3S	Rev.E			
Resistance Welding (Spot, Seam, Projection)	AC7110/4	Rev.I Δ1			
Supplement, Resistance Welding	AC7110/4S	Rev.G			
Fusion Welding	AC7110/5	Rev.I	Posted		
Supplement, Fusion Welding	AC7110/5S	Rev.F	Posted		
Laser Welding	AC7110/6	Rev.H	Posted		
Supplement, Laser Welding	AC7110/6S	Rev.E			
Rotational Friction/Inertia Welding	AC7110/7	Rev.F			
Diffusion Welding	AC7110/8	Rev.G			
Percussion Stud Welding	AC7110/9	Rev.F			
Welder/Welding Operator Qualification	AC7110/12	Rev.F	Posted		
Supplement, Welder/Welding Operator Qualification	AC7110/12S	Rev.H	Posted		
Metallographic Evaluation of Welds	AC7110/13	Rev.B			
Supplement, Metallographic Evaluation of Welds	AC7110/13S	Rev.D	Posted		
Laser and Electron Beam Metallic Powder Bed Additive Manufacturing	AC7110/14	Rev.A Δ1			
COMPOSITE (COMP)					
Basic Composites Checklist	AC7118	Rev.G Δ1	Posted	LINK	

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CONVENTIONAL MACHINING AS A SPECIAL PROCESS(CMSP)					
Conventional Machining as a special process (Holemaking, Broaching, Turning, Milling, Grinding, Edge Treatment)	AC7126	Rev.D Δ1	Posted	LINK	
Holemaking	AC7126/1	Rev.B Δ2	Posted		
Broaching	AC7126/2	Rev.B			
Turning	AC7126/3	Rev.B Δ1			
Milling	AC7126/4	Rev.B			
Grinding	AC7126/5	Rev.B	Posted		
Edge Treatment	AC7126/6	Rev.B			
ELASTMER SEALS (SEAL)					
Manufacture of Elastomer Seals	AC7115	Rev.E Δ1			
ELECTRONICS (ETG)					
Electronics Printed Circuit Boards	AC7119	Rev.H			
Electronics Flexible and Rigid-Flexible Printed Boards	AC7119/2	Rev.B			
Printed Board Personnel Qualification	AC7119/4	NA Δ1			
Circuit Card Assemblies	AC7120	Rev.E Δ2			
Printed Board Assemblies Personnel Qualification	AC7120/1	NA			
General Soldering of Printed Board Assemblies	AC7120/2	NA			
Plated Through-Hole Technology (PTH)	AC7120/3	NA			
Surface Mount Technology (SMT)	AC7120/4	Rev.A			
Mixed Metallurgy for Ball Grid Array (BGAs)	AC7120/5	NA			
Lead Free Soldering	AC7120/6	NA			
Conformal Coating of Printed Board Assemblies	AC7120/7	NA			
Encapsulation	AC7120/8	NA			
Programming	AC7120/9	NA			
Final Testing	AC7120/10	NA			
Repackaging	AC7120/11	Rev.A Δ1			
Depaneling of Printed Board Assemblies (PBA)	AC7120/12	NA			
Electronics Cable and Harness Assemblies	AC7121	Rev.D Δ1			
CABLE AND HARNESS ASSEMBLIES PERSONNEL QUALIFICATION	AC7121/1	Rev.A			
FLUID DISTRIBUTION SYSTEMS (FLU)					
Fluids Systems Manufacturers	AC7112	Rev.C			
Hose Manufacturing	AC7112/1	Rev.A			
Fittings and Other Machined Components	AC7112/2	Rev.B Δ1			
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	NA			
Fluid Distribution Systems For Value Added Hose Assembly Distributors	AC7123	Rev.C Δ1			
NON METALLIC MATERIALS TESTING (NMMT)					
Nonmetallic Materials - Testing Laboratories	AC7122	Rev.D			
Nonmetallic Materials - Testing Laboratories I - Independent Testing Laboratories	AC7122-I	Rev.E			
Nonmetallic Materials - Testing Laboratories P - Part Manufacturing Captive Laboratories	AC7122-P	Rev.B			
Nonmetallic Materials - Testing Laboratories R - Raw Material Manufacturers Captive Laboratories	AC7122-R	Rev.D			
Nonmetallic Materials - Testing Laboratories Class A Composite	AC7122/1	Rev.B			
Non Metallic Materials - Testing Laboratories - Physical Testing	AC7122/2	Rev.A Δ1			
Non Metallic Materials - Testing Laboratories - Chemical Testing	AC7122/3	Rev.A			
Non Metallic Materials - Testing Laboratories - Thermal Testing	AC7122/4	Rev.A			
Non Metallic Materials - Testing Laboratories - Flammability Testing	AC7122/5	NA			
NON METALLIC MATERIALS MANUFACTURING (NMMM)					
Non Metallic Materials – Manufacturing	AC7124	Rev.B Δ2			
Non Metallic Materials – Manufacturing Resin	AC7124/1	NA Δ1			
Non Metallic Materials – Manufacturing Prepreg	AC7124/2	Rev.A Δ3			
Non Metallic Materials – Manufacturing Adhesive Films	AC7124/3	NA			
Non Metallic Materials – Manufacturing Core	AC7124/4	NA			
Non Metallic Materials – Manufacturing fibers	AC7124/5	Rev.A			
SEALANTS (SEAL)					
BASELINE AUDIT CRITERIA FOR SEALANTS					
AUDIT CRITERIA FOR SEALANTS For SEALANT MANUFACTURERS' ACCREDITATION PROGRAM	AC7200/1	Rev.D			
AUDIT CRITERIA FOR SEALANT For REPACKAGER ACCREDITATION PROGRAM	AC7200/2	NC			
AUDIT CRITERIA FOR SEALANT VALUE ADDED DISTRIBUTOR ACCREDITATION PROGRAM	AC7202	Rev.C Δ1			
MEASUREMENT & INSPECTION (M&I)					
Measurement & Inspection	AC7130	Rev.D			
CMM	AC7130/1	Rev.B			
Laser Tracker	AC7130/2	Rev.A			
Articulating Arm	AC7130/3	Rev.A			
Three Dimensional Structured Light Systems (3DSL)	AC7130/4	Rev.A			
Mass Airflow Measurement of Turbine Engine Parts	AC7130/5	Rev.B			
General Inspection	AC7130/6	Rev.A			

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METALLIC MATERIALS MANUFACTURING (MMM)					
Forging	AC7140	Rev.C	Posted	LINK	
Supplement, Forging	AC7140S	NA			
AERO STRUCTURE ASSEMBLY (ASA)					
Aero Structure Assembly	AC7135	NA	Posted	LINK	
Fastening	AC7135/1	NA Δ3	Posted		
Electrical Bonding	AC7135/2	NA Δ3	Posted		
Bushing And Bearing Installation	AC7135/3	NA Δ3	Posted		
Sealing	AC7135/4	NA Δ2	Posted		