

AC Checklists posted on JAQG Web

PROCESS	AC Number	Latest 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
<b>NADCAP GENERAL REQUIREMENTS</b>					
Nadcap General Requirements	AC7000	Rev.A Δ1	Posted	<a href="#">LINK</a>	
<b>AEROSPACE QUALITY SYSTEM (AQS)</b>					
Quality Management System	AC7004	Rev.H			
<b>CHEMICAL PROCESSING (CP)</b>					
Chemical Processing	AC7108	Rev.J Δ1	Posted	<a href="#">LINK</a>	
Application of Paint and Dry Film Lubricants, and Application of Sol Gel as a Preparation for Paint	AC7108/1	Rev.E Δ1	Posted		
Etching And Etch Inspection Processes	AC7108/2	Rev.H	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.D			
Vacuum Cadmium and Aluminum IVD	AC7108/7	Rev B			
Anodize (Not as a Preparation for Metal Bond)	AC7108/8	NC Δ1	Posted		
Electroplating and Electroforming	AC7108/9	Rev.A Δ1	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			
<b>COATINGS (CT)</b>					
Basic Coatings Checklist	AC7109	Rev G	Posted	<a href="#">LINK</a>	
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 H	Posted		
Plating of Coated Parts	AC7109/6	Rev.D			
Heat Treating for Suppliers of Coatings	AC7109/7	Rev.F			
Grinding of Coatings as a special process	AC7109/8	Rev A			
<b>HEAT TREATING (HT)</b>					
Basic Heat Treating Checklist	AC7102	Rev.K	Posted	<a href="#">LINK</a>	
Brazing	AC7102/1	Rev.F Δ2	Posted		
Carburizing	AC7102/3	Rev.D			
Nitriding	AC7102/4	Rev.E Δ1			
Hardness and/or Conductivity Testing	AC7102/5	Rev.F	Posted		
Hot Isostatic Pressing (HIP)	AC7102/6	NA			
Induction Hardening	AC7102/7	NA Δ1			
Pyrometry	AC7102/8	Rev.B	Posted		
Sintering	AC7102/9	NA			
Localized Heat Treating	AC7102/10	NA			
Supplemental Audit Criteria for Heat Treating	AC7102 S	Rev.K Δ1	Posted		
<b>MATERIALS TESTING LABS (MTL)</b>					
General Requirements for All Laboratories	AC7101/1	Rev H		<a href="#">LINK</a>	
Chemical Testing	AC7101/2	Rev..E Δ1			
Mechanical Testing	AC7101/3	Rev.D	Posted		
Metallography & Microhardness	AC7101/4	Rev F	Posted		
Hardness	AC7101/5	Rev E			
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			
Proficiency testing and internal round robin requirements for all laboratories	AC7101/14	NA			
ISO/IEC 17025	AC7006	Rev.H			
<b>NONCONVENTIONAL MACHINING (NM)</b>					
Nonconventional Machining (ECM, ECG, EDM, LBM, LPM, SEG, AWM)	AC7116	Rev D	Posted	<a href="#">LINK</a>	
Electrochemical Machining (ECM)	AC7116/1	Rev E			
Electrochemical Grinding (ECG)	AC7116/2	Rev D			
Electrical Discharge Machining (EDM)	AC7116/3	Rev D Δ1			
Laser Beam Machining (LBM)	AC7116/4	Rev E Δ1	Posted		
Laser Part Marking (LPM)	AC7116/5	Rev B			
Spark Erosion Grinding (SEG)	AC7116/6	Rev B Δ1			
Abrasive Water Jet Machining (AWJM)	AC7116/7	Rev A			

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<b>SURFACE ENHANCEMENT (SE)</b>					
Shot Peening, Peen Forming, Glass Bead Peening	AC7117	Rev.D Δ1	Posted	<a href="#">LINK</a>	
Computer Controlled Peening	AC7117/1	Rev.D Δ1			
Automated Peening	AC7117/2	Rev.D Δ1	Posted		
Peen Forming	AC7117/3	Rev.C Δ1			
Flapper Peening	AC7117/4	Rev.C Δ1	Posted		
Manual Peening	AC7117/5	Rev.C Δ2	Posted		
<b>NONDESTRUCTIVE TESTING (NDT)</b>					
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING (NDT) AUDITEES ACCREDITATION PROGRAM	AC7114	Rev.S	Posted	<a href="#">LINK</a>	
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING (NDT) AUDITEES	AC7114S	Rev.R	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY PENETRANT SURVEY	AC7114/1	Rev.O	Posted		
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY PENETRANT SURVEY	AC7114/1S	Rev.P Δ1	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY MAGNETIC PARTICLE SURVEY	AC7114/2	Rev.P	Posted		
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY MAGNETIC PARTICLE SURVEY	AC7114/2S	Rev.P	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY ULTRASONIC SURVEY	AC7114/3	Rev.O	Posted		
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY ULTRASONIC SURVEY	AC7114/3S	Rev.P Δ1	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY FILM RADIOGRAPHY SURVEY	AC7114/4	Rev.N Δ2	Posted		
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY FILM RADIOGRAPHY SURVEY	AC7114/4S	Rev.Q	Posted		
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY EDDY CURRENT SURVEY	AC7114/5	Rev.F			
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY EDDY CURRENT SURVEY	AC7114/5S	Rev.G			
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY DIGITAL RADIOGRAPHY, UTILIZING DIGITAL DETECTOR ARRAY (DDA) SURVEY	AC7114/6	Rev.E			
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY FOR DIGITAL RADIOGRAPHY, UTILIZING DIGITAL DETECTOR ARRAY (DDA) SURVEY	AC7114/6S	NA			
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FOR FACILITY DIGITAL RADIOGRAPHY, UTILIZING COMPUTED RADIOGRAPHY (CR) UTILIZING PHOTOSTIMULABLE LUMINESCENCE (PSL) SURVEY	AC7114/8	Rev.D			
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY FOR DIGITAL RADIOGRAPHY, UTILIZING COMPUTED RADIOGRAPHY (CR) UTILIZING PHOTOSTIMULABLE LUMINESCENCE (PSL) SURVEY	AC7114/8S	NA			
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY REMOTE INTERPRETATION OF RADIOGRAPHIC FILMS & DIGITAL IMAGES SURVEY	AC7114/9	Rev.B Δ1			
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY DIGITAL RADIOGRAPHY, UTILIZING DIGITAL DETECTOR ARRAY (DDA) & COMPUTED RADIOGRAPHY (CR) UTILIZING PHOTOSTIMULABLE LUMINESCENCE (PSL) SURVEY	AC7114/10	Rev.B Δ3			
SUPPLEMENTAL AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FACILITY DIGITAL RADIOGRAPHY, UTILIZING DIGITAL DETECTOR ARRAY (DDA) & COMPUTED RADIOGRAPHY (CR) UTILIZING PHOTOSTIMULABLE LUMINESCENCE (PSL) SURVEY	AC7114/10S	Rev.B Δ1			
AUDIT CRITERIA TO BE USED ON AUDITS OF NANDTB's	AC7114/11	Rev.B			
AUDIT CRITERIA FOR NONDESTRUCTIVE TESTING FOR OUTSIDE AGENCIES SURVEY	AC7114/12	NA			
<b>WELDING (WLD)</b>					
Basic Welding Checklist	AC7110	Rev.G	Posted	<a href="#">LINK</a>	
Supplement, welding	AC7110S	NA	Posted		
Brazing – Torch/Induction	AC7110/1	Rev.I Δ1			
Flash Welding	AC7110/2	Rev.F Δ1			
Electron Beam Welding	AC7110/3	Rev.H Δ1			
Supplement, Electron Beam Welding	AC7110/3S	Rev.F			
Resistance Welding (Spot, Seam, Projection)	AC7110/4	Rev.I Δ2			
Supplement, Resistance Welding	AC7110/4S	Rev.H			
Fusion Welding	AC7110/5	Rev.J Δ1	Posted		
Supplement, Fusion Welding	AC7110/5S	Rev.I	Posted		
Laser Welding	AC7110/6	Rev.H Δ1	Posted		
Supplement, Laser Welding	AC7110/6S	Rev.F			
Rotational Friction/Inertia Welding	AC7110/7	Rev.F Δ1			
Diffusion Welding	AC7110/8	Rev.G Δ1			
Percussion Stud Welding	AC7110/9	Rev.F Δ1			
Welder/Welding Operator Qualification	AC7110/12	Rev.F Δ1	Posted		
Supplement, Welder/Welding Operator Qualification	AC7110/12S	Rev.I	Posted		
Metallographic Evaluation of Welds	AC7110/13	Rev.C Δ1			
Supplement, Metallographic Evaluation of Welds	AC7110/13S	Rev.E	Posted		
<b>COMPOSITE (COMP)</b>					
Composites	AC7118	Rev.I	Posted	<a href="#">LINK</a>	

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<b>CONVENTIONAL MACHINING AS A SPECIAL PROCESS(CMSP)</b>						
Conventional Machining as a special process (Holemaking, Broaching, Turning, Milling, Grinding, Edge Treatment)	AC7126	Rev.D Δ1	Posted	<a href="#">LINK</a>		
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				
<b>ELASTMER SEALS (SEAL)</b>						
Manufacture of Elastomer Seals	AC7115	Rev.F				
<b>ELECTRONICS (ETG)</b>						
Electronics Printed Circuit Boards	AC7119	Rev.K		<a href="#">LINK</a>		
Supplement, Printed Boards	AC7119S	NA				
Electronics Flexible and Rigid-Flexible Printed Boards	AC7119/2	Rev.C Δ2				
Printed Board Personnel Qualification	AC7119/4	NA Δ2				
High Frequency (Microwave) Printed Boards	AC7119/5	Rev.A Δ1				
Electronics printed Boards For In House Fabrication of Printed Boards	AC7119/6	Rev.A				
Electronics printed Boards For Final Finishes and X-Ray Fluorescence	AC7119/7	NA Δ1				
Electronics printed Boards For Drilling (Mechanical & Laser) Printed Boards	AC7119/8	NA Δ1				
Electronics printed Boards For Electrical Testing Printed Boards	AC7119/9	NA Δ1				
Electronics printed Boards For In House Fabrication of Printed Boards Via Fill & Planarization	AC7119/10	Rev.A				
Electronics printed Boards For IPC-6012 & IPC-6018 Space and Military Avionics Applications Addendum (SMA)	AC7119/11	NA				
Circuit Card Assemblies	AC7120	Rev.E Δ2				
Supplement, Printed Boards Assemblies	AC7120S	NA				
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				
Supplement, Plated Through-Hole Technology (PTH)	AC7120/3S	NA				
Surface Mount Technology (SMT)	AC7120/4	Rev.A				
Supplement, Surface Mount Technology (SMT)	AC7120/4S	NA				
Mixed Metallurgy for Ball Grid Array (BGAs)	AC7120/5	NA				
Lead Free Soldering	AC7120/6	NA				
Supplement, Lead Free Soldering	AC7120/6S	NA				
Conformal Coating of Printed Board Assemblies	AC7120/7	Rev.A Δ1				
Supplement, Conformal Coating of Printed Board Assemblies	AC7120/7S	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 Δ1				
Electronics printed Board Assemblies For J-STD-001 Space And Military Applications Electronic Hardware Addendum (SMA)	AC7120/13	Rev.A				
Electronics Cable and Harness Assemblies	AC7121	Rev.F				
Supplement, Cable And Harness Assemblies	AC7121S	NA				
Personnel Qualification	AC7121/1	Rev.B				
Soldering	AC7121/2	NA				
Splices and Ultrasonic Welding	AC7121/3	NA				
Wire Bundle Securing	AC7121/4	NA				
Electrical Shielding	AC7121/5	NA				
Over-Molding and Potting	AC7121/6	NA				
Soldering and Crimping of Coaxial and Biaxial Connector Assemblies	AC7121/7	NA				
The Control of Electrostatic Discharge (ESD)	AC7121/8	NA				
IPC/WHMA-A-620 Space and Military Applications Electronic Hardware Addendum (SMA)	AC7121/9	NA				
Solderless Wrap and Insulation Displacement Connection (IDC)	AC7121/10	NA				
Finished Assemblies	AC7121/11	NA				
<b>FIRST ARTICLE INSPECTION</b>						
First Article Inspection	AC7150	NC Δ1				
<b>FLUID DISTRIBUTION SYSTEMS (FLU)</b>						
Fluids Systems Manufacturers	AC7112	Rev.C			<a href="#">LINK</a>	
Hose Manufacturing	AC7112/1	Rev.A				
Fittings and Other Machined Components	AC7112/2	Rev.B Δ1				
Couplings and Formed Sheet Metal Components including Loop and Saddle Clamps	AC7112/3	Rev.A Δ3				
Hose Assembly	AC7112/4	Rev.B				
Titanium 3Al-2.5V Alloy, Seamless Hydraulic Tubing Manufacturing	AC7112/6	Rev.A				
Fluid Distribution Systems for Tube Fabricated Assemblies	AC7112/7	NA				
Fluid Distribution Systems For Value Added Hose Assembly Distributors	AC7123	Rev.C Δ1				



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<b>NON METALLIC MATERIALS TESTING (NMMT)</b>					
Nonmetallic Materials - Testing Laboratories	AC7122	Rev.E			
Nonmetallic Materials - Testing Laboratories I - Independent Testing Laboratories	AC7122-I	Rev.F			
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.C			
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			
<b>NON METALLIC MATERIALS MANUFACTURING (NMMM)</b>					
Non Metallic Materials – Manufacturing	AC7124	Rev.C Δ1			
Non Metallic Materials – Manufacturing Resin	AC7124/1	Rev.A Δ1			
Non Metallic Materials – Manufacturing Prepreg	AC7124/2	Rev.B Δ1			
Non Metallic Materials – Manufacturing Adhesive Films	AC7124/3	Rev.A Δ1			
Non Metallic Materials – Manufacturing Core	AC7124/4	Rev.A Δ1			
Non Metallic Materials – Manufacturing fibers	AC7124/5	Rev.A			
NonMetallic Materials Manufacturing for Thermoplastic Prepreg	AC7124/6	NA Δ1			
<b>SEALANTS (SEAL)</b>					
BASELINE AUDIT CRITERIA FOR SEALANTS	AC7200	Rev.B			
Sealants For SEALANT MANUFACTURERS' ACCREDITATION PROGRAM	AC7200/1	Rev.E			
Sealants For REPACKAGER ACCREDITATION PROGRAM	AC7200/2	Rev.A			
Sealants For Sealant Repackager Accreditation Program – Bulk Packaging Extensions	AC7200/3	NA			
<b>MEASUREMENT &amp; INSPECTION (M&amp;I)</b>					
Measurement & Inspection	AC7130	Rev.E			
CMM	AC7130/1	Rev.C			
Laser Tracker	AC7130/2	Rev.B			
Articulating Arm	AC7130/3	Rev.B			
Three Dimensional Structured Light Systems (3DSL)	AC7130/4	Rev.B Δ1			
Mass Airflow Measurement of Turbine Engine Parts	AC7130/5	Rev.C			
General Inspection	AC7130/6	Rev.A			
<b>METALLIC MATERIALS MANUFACTURING (MMM)</b>					
Forging	AC7140	Rev.E Δ1	Posted	<a href="#">LINK</a>	
Supplement, Forging	AC7140/S	Rev.A Δ1			
Investment Casting	AC7141	NA Δ1			
Sand Casting	AC7142	NA Δ1			
<b>AERO STRUCTURE ASSEMBLY (ASA)</b>					
Aero Structure Assembly	AC7135	Rev.A Δ1	Posted	<a href="#">LINK</a>	
Fastening	AC7135/1	NA Δ3	Posted		
Electrical Bonding	AC7135/2	Rev.A	Posted		
Bushing And Bearing Installation	AC7135/3	Rev.A Δ1	Posted		
Sealing	AC7135/4	Rev.A Δ2	Posted		
<b>ADDITIVE MANUFACTURING (AM)</b>					
Additive Manufacturing	AC7131	NA			
laser and electron beam metallic powder bed additive manufacturing	AC7131/1	NA			