


Poly Metal Finishing

Nadcap

1 Allen St, Springfield, Massachusetts, United States

Phone: 413-781-4535

Certificates

Current  CP Expiry Commodity Issued Expiry 

CP Chemical Processing
Poly Metal Finishing, 1 Allen St, Springfield, Massachusetts, United States

May 25, 2022 Nov 30, 2023

Scope

AC7000 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

AC7108 Rev I - Nadcap Audit Criteria for Chemical Processing (to be used on audits BEFORE 12-Jun-2022)

- Stripping of Coatings as an Internal Rework Process
 - Organic Coatings
 - Inorganic Coatings
 - MIL-STD-871 (info only)
- Ovens for Thermal Treatments with a set point at or below 250°F (121°C) or for Miscellaneous Heating Processes, e.g. Part Drying.
- Ovens Used for Thermal Treatments at a Set Point above 250°F
- General Cleaning and Pre-Cleaning
 - Solvent Cleaning
 - Alkaline Cleaning (If Titanium Alkaline Cleaning is also carried out then please check Chemical Cleaning – Titanium Cleaning – Alkaline” also)
- AC7108/11 – Conversion Coating – AC7108/11 must also be selected
- AC7108/08 – Anodizing (Not for Metal Bond) – AC7108/8 must also be selected
- AC7108/04 – Solution Analysis and Testing – AC7108/4 must also be selected
- AC7108/03 – Surface Preparation for Metal Bond – AC7108/3 must also be selected

AC7108/11 - Nadcap Audit Criteria for Conversion Coating (to be used on audits on/after 5 June 2016)

- Aluminum, Non-Hexavalent Chrome Alternatives
 - Other Aluminum Non Hexavalent Chrome Alternatives
 - MIL-DTL-5541
- Aluminum
 - Other Aluminum
 - MIL-DTL-5541
 - MIL-C-5541

◦ AMS 2473

AC7108/3 Rev C - Nadcap Audit Criteria for Surface Preparation Prior to Metal Bond (to be used on audits on/after 5 June 2016)

- Phosphoric Acid Anodize
- Non-Immersion Techniques (Sol Gel, other)
- Grit Blast
- Etching
- Chromic Acid Anodize
- Adhesive Primer Application

AC7108/4 Rev C - Nadcap Audit Criteria for Solution Analysis and Testing in Support of Chemical Processing to AC7108 (To Be Used On Audits Conducted On audits on/after 21 January 2018)

- Testing Performed Internally In Support of the Chemical Process Accreditation
 - B23 – Other Testing In Support of AC7108
 - B22 – Solvent Resistance Testing In Support of AC7108
 - B16 – Coating Thickness Measurement In Support of AC7108
 - B14 – Conductivity Testing In Support of AC7108
 - B13 – Coating Weight Testing In Support of AC7108
 - B10 – Adhesion Testing (Adhesion Tape Testing) In Support of AC7108
 - B09 – Taber Wear Testing In Support of AC7108
 - B05 – Salt Spray Testing In Support of AC7108
- Solution Analysis In Support of AC7108

AC7108/8 - Nadcap Audit Criteria for Anodizing (Not For Metal Bond) (to be used on audits on/after 5 June 2016)

- Seal
- Impregnation
- Dye
- Anodize Aluminum, Sulfuric Acid
 - Other Anodize Aluminum
 - MIL-A-8625
 - AMS-A-8625
 - AMS 2472
 - AMS 2471
- Anodize Aluminum, Hard Anodize
 - Other Anodize Aluminum
 - MIL-A-8625
 - AMS-A-8625
 - AMS 2482
 - AMS 2469
 - AMS 2468
- Anodize Aluminum, Chromic Acid
 - Other Anodize Aluminum
 - MIL-PRF-8625
 - MIL-A-8625
 - AMS-A-8625
 - AMS 2470