

Nadcap
Fine Quality Metal Finishing
 1640 Daisy Ave, Long Beach, California, United States
 Phone: 562-432-2248

Certificates

Current  CP 

Expiry 

Commodity Issued Expiry 

CP

Chemical Processing

24 Month Merit

Fine Quality Metal Finishing, 1640 Daisy Ave, Long Beach, California, United States

Apr 13, 2023 Nov 30, 2024

Scope

AC7000 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

AC7108 Rev J - Nadcap Audit Criteria for Chemical Processing (to be used on audits on/AFTER 12-Jun-2022)

- Stripping of Coatings as an Internal Rework Process
 - Organic Coatings
- 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
 - Titanium Cleaning – Alkaline
 - Other Titanium Cleaning Alkaline
 - Solvent Cleaning
 - Alkaline Cleaning (If Titanium Alkaline Cleaning is also carried out then please check Chemical Cleaning – Titanium Cleaning – Alkaline” also)
- AC7108/12 – Standalone Cleaning, Descaling, Passivation and Electropolishing – AC7108/12 must also be selected
- AC7108/11 – Conversion Coating – AC7108/11 must also be selected
- AC7108/09 – Electroplating and Electroforming – AC7108/9 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
- AC7108/02 – Etch Inspection Processes and Pre-Penetrant Etch – AC7108/2 must also be selected
- AC7108/01 – Painting Dry Film Coatings and Sol Gel as a Preparation for Paint – AC7108/1 must also be selected

AC7108/1 Rev E - Nadcap Audit Criteria for Painting & Dry Film Coatings (to be used on audits

on/AFTER 12-Jun-2022)

- Painting
 - TT-P-28
 - Other – Paint
 - MIL-STD-7179
 - MIL-P-85582
 - MIL-P-53030
 - MIL-P-53022
 - MIL-P-23377
 - MIL-PRF-85582
 - MIL-PRF-85285
 - MIL-PRF-23377
 - MIL-PRF-22750
 - MIL-F-18264
 - MIL-DTL-53030
 - MIL-DTL-53022
 - MIL-C-85285
 - MIL-C-83286
 - MIL-C-53039
 - MIL-C-22750
- Dry Film Lubricant Coatings
 - Other –DFL
 - MIL-PRF-46010
 - MIL-L-8937
 - MIL-L-46010

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

- Titanium
 - AMS 2486
- Steel
 - TT-C-490
 - MIL-DTL-16232
 - DOD-P-16232
- Aluminum, Non-Hexavalent Chrome Alternatives
 - MIL-DTL-5541
- Aluminum
 - Other Aluminum
 - MIL-DTL-5541
 - MIL-C-5541
 - AMS 2473

AC7108/12 Rev A - Nadcap Audit Criteria for Standalone Cleaning, Descaling, Passivation and Electropolishing (to be used on audits on/after 12 July 2020)

- Standalone Cleaning and Descaling
 - Titanium Cleaning – Alkaline
 - Alkaline Cleaning (If Titanium Alkaline Cleaning is also carried out then also check “Titanium Cleaning – Alkaline”)
 - Acid Cleaning (If Titanium Acid Cleaning is also carried out then also check “Titanium Cleaning – Acid”)
- Passivation
 - Other Passivation
 - FED-QQ-P-35
 - ASTM A967

- ASTM A380
- AMS-QQ-P-35
- AMS 2700

AC7108/2 Rev H - Nadcap Audit Criteria for Etch Inspection Processes (Anodic Etch, Blue Etch, Anodize, Local, Macrostructure, Nital/Temper) and Pre-Penetrant Etch (to be used on audits on/AFTER 12-Jun-2022)

- Pre-Penetrant Etch
 - Immersion – Pre-Penetrant

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
 - B21 – Paint Color and Gloss 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
 - B12 – Adhesion Testing (Bend Test) In Support of AC7108
 - B10 – Adhesion Testing (Adhesion Tape Testing) In Support of AC7108
 - B06 – Water Immersion / Humidity 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
- Anodize Aluminum, Sulfuric Acid
 - Other Anodize Aluminum
 - MIL-PRF-8625
 - MIL-A-8625
 - AMS-A-8625
 - AMS 2471
- Anodize Aluminum, Chromic Acid
 - Other Anodize Aluminum
 - MIL-PRF-8625
 - MIL-A-8625
 - AMS-A-8625

AC7108/9 - Nadcap Audit Criteria for Electroplating and Electroforming (to be used on audits on/after 5 June 2016)

- Electroplating
 - Zinc Plating
 - Other Zinc Plating
 - FED-QQ-Z-325
 - ASTM B 633
 - Cadmium Plating
 - Other Cadmium Plating
 - MIL-STD-870
 - FED-QQ-P-416
 - AMS-QQ-P-416
 - AMS 2401
 - AMS 2400

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