

Scopes

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

Standard

- AC7108/01– Painting Dry Film Coatings and Sol Gel as a Preparation for Paint – AC7108/1 must also be selected
- AC7108/04 – Solution Analysis and Testing – AC7108/4 must also be selected
- AC7108/11 – Conversion Coating – AC7108/11 must also be selected
- General Cleaning and Pre–Cleaning
 - Alkaline Cleaning (If Titanium Alkaline Cleaning is also carried out then please check Chemical Cleaning – Titanium Cleaning – Alkaline” also)
- Ovens for Thermal Treatments with a set point at or below 250°F (121°C) or for Miscellaneous Heating Processes, e.g. Part Drying.
- Stripping of Coatings as an Internal Rework Process
 - Inorganic Coatings
 - Other Stripping
 - Organic Coatings

AC7108/1 Rev E - Nadcap Audit Criteria for Painting & Dry Film Coatings (to be used on audits on/AFTER 12-Jun-2022)

- Dry Film Lubricant Coatings
 - MIL–L–46010
 - MIL–PRF–46010
- Painting
 - DOD–P–15328
 - MIL–C–22750
 - MIL–C–24712
 - MIL–C–46168
 - MIL–C–53039
 - MIL–C–85285
 - MIL–DTL –53072
 - MIL–DTL–53022
 - MIL–DTL–53030
 - MIL–DTL–53039
 - MIL–PRF–22750
 - MIL–PRF–23377
 - MIL–PRF–24712
 - MIL–PRF–85285
 - MIL–PRF–85582
 - MIL–P–23377
 - MIL–P–53022
 - MIL–P–53030
 - MIL–P–85582

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)

- Solution Analysis In Support of AC7108
- Testing Performed Internally In Support of the Chemical Process Accreditation
 - B10 – Adhesion Testing (Adhesion Tape Testing) In Support of AC7108
 - B14 – Conductivity Testing In Support of AC7108
 - B16 – Coating Thickness Measurement In Support of AC7108
 - B22 – Solvent Resistance Testing In Support of AC7108

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

- Aluminum
 - AMS 2473
 - MIL-C-5541
 - MIL-DTL-5541
- Aluminum, Non-Hexavalent Chrome Alternatives
 - AMS 2473
 - MIL-DTL-5541

AC7000 Rev A - AUDIT CRITERIA FOR NADCAP ACCREDITATION
AC7000 - AUDIT CRITERIA FOR NADCAP ACCREDITATION