SCOPE OF ACCREDITATION

Chemical Processing

C.I.L. Inc.
400 Canal St
Lawrence, MA 01840

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7000 Rev A - AUDIT CRITERIA FOR NADCAP ACCREDITATION

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

AC7108/01– Painting Dry Film Coatings and Sol Gel as a Preparation for Paint – AC7108/1 must also be selected
AC7108/02 – Etch Inspection Processes and Pre–Penetrant Etch – AC7108/2 must also be selected
AC7108/04 – Solution Analysis and Testing – AC7108/4 must also be selected
AC7108/08 – Anodizing (Not for Metal Bond) – AC7108/8 must also be selected
AC7108/11 – Conversion Coating – AC7108/11 must also be selected
AC7108/12 – Standalone Cleaning, Descaling, Passivation and Electropolishing – AC7108/12 must also be selected
Abrasive Blasting in Support of Other Chemical Processes
  Dry Blasting
General Cleaning and Pre–Cleaning
  Alkaline Cleaning (If Titanium Alkaline Cleaning is also carried out then please check Chemical Cleaning – Titanium Cleaning – Alkaline" also)
  Solvent Cleaning
Ovens Used for Thermal Treatments at a Set Point above 250°F
Ovens for Thermal Treatments with a set point at or below 250ºF (121ºC) or for Miscellaneous Heating Processes, e.g. Part Drying.
Stripping of Coatings as an Internal Rework Process
  Inorganic 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
Painting

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 D - Nadcap Audit Criteria for Solution Analysis and Testing in Support of Chemical Processing to AC7108 (To be used on audits on/AFTER 01-Mar-2026)

Solution Analysis in Support of AC7108

Testing Performed Internally in Support of the Chemical Process Accreditation
- B06 – Water Immersion / Humidity Testing in Support of AC7108
- B10 – Adhesion Testing (Tape Test) in Support of AC7108
- B13 – Coating Weight Testing in Support of AC7108
- B16 – Dimension and Thickness Measurement in Support of AC7108
- B20 – Copper Sulfate / Porosity Testing in Support of AC7108
- B21 – Paint Color and Gloss Testing in Support of AC7108 **
- B22 – Solvent Resistance Testing 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)

Anodize Aluminum, Chromic Acid
Anodize Aluminum, Hard Anodize
Anodize Aluminum, Sulfuric Acid
Anodizing Aluminum, Type 1 Non–Hexavalent Chrome (e.g. Boric/Sulfuric)
Dye
Impregnation
Seal

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

Aluminum
Aluminum, Non–Hexavalent Chrome Alternatives
Steel

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

Passivation