SCOPE OF ACCREDITATION

Chemical Processing

F.M. Callahan & Son Inc
22 Sharon St
Malden, MA 02148

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)

AC7108/04 – Solution Analysis and Testing – AC7108/4 must also be selected
AC7108/05 – Chem Milling and Alpha Case Removal – AC7108/5 must also be selected
AC7108/08 – Anodizing (Not for Metal Bond) – AC7108/8 must also be selected
AC7108/09 – Electroplating and Electroforming – AC7108/9 must also be selected
AC7108/10 – Electroless Plating – AC7108/10 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
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
Titanium Cleaning – Alkaline
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

AC7108/4 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

B11 – Adhesion Testing (Scratch and Chisel Test) in Support of AC7108
B12 – Adhesion Testing (Bend Test) in Support of AC7108
B16 – Dimension and Thickness Measurement in Support of AC7108
B18 – Adhesion Testing (Heat & Quench) in Support of AC7108
B20 – Copper Sulfate / Porosity Testing in Support of AC7108
B23 – Other Testing in Support of AC7108

AC7108/5 Rev B - Nadcap Audit Criteria for Alpha Case Removal and Chemical Milling (to be used on audits on/after 5 June 2016)

Alpha Case Removal

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

Anodize Aluminum, Hard Anodize
Anodize Aluminum, Sulfuric Acid
Dye
Seal

AC7108/8S Rev NA - Nadcap Supplemental Audit Criteria for Anodizing (Not For Metal Bond) (Requires AC7108/8) (To be used on audits on/AFTER 26-Jul-2026)

(U10) GE Aerospace
(U3) Rolls–Royce

AC7108/9 Rev A - Nadcap Audit Criteria for Electroplating and Electroforming (to be used on audits on/AFTER 18-Feb-2024)

Electroplating
Copper Plating
Gold Plating
Nickel Plating
Silver Plating
Tin Plating
Zinc Plating

AC7108/10 - Nadcap Audit Criteria for Electroless Plating (to be used on audits on/after 5 June 2016)

Nickel

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

Standalone Cleaning and Descaling

Acid Cleaning (If Titanium Acid Cleaning is also carried out then also check “Titanium Cleaning – Acid”)

Alkaline Cleaning (If Titanium Alkaline Cleaning is also carried out then also check “Titanium Cleaning – Alkaline”)

Titanium Cleaning – Acid (This process also requires “Titanium Cleaning – Alkaline” to be checked unless customer specifications permit otherwise)

Titanium Cleaning – Alkaline