



This certificate is granted and awarded by the authority of the Nadcap Management Council to:

Coastline Metal Finishing

*7061 Patterson Drive
Garden Grove, CA 92841
United States*

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

Chemical Processing

Certificate Number: 4703183492
Expiration Date: 30 April 2019

Joseph G. Pinto
Executive Vice President and Chief Operating Officer



SCOPE OF ACCREDITATION

Chemical Processing

Coastline Metal Finishing

7061 Patterson Drive
Garden Grove, CA 92841

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:

AC7108 Rev H - Nadcap Audit Criteria for Chemical Processing (to be used on audits before 21 January 2018)

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

AC7108/09 – 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 – Acid Cleaning, Descaling, Passivation and Electropolishing – AC7108/12 must also be selected

AC7108/13 – Brush Anodizing and Plating – AC7108/13 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

Other Titanium Cleaning Alkaline

Ultrasonic Cleaning

Ovens Used for Thermal Treatments at a Set Point above 250°F

Ovens for Thermal Treatments with a set point at or below 250°F (121°C) or for Miscellaneous Heating Processes, e.g. Part Drying.

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

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
- B07 – Heat Resistance Testing In Support of AC7108
- B10 – Adhesion Testing (Adhesion Tape Testing) In Support of AC7108
- B11 – Adhesion Testing (Scratch and Chisel Test) In Support of AC7108
- B12 – Adhesion Testing (Bend Test) In Support of AC7108
- B14 – Conductivity Testing In Support of AC7108
- B16 – Coating Thickness Measurement In Support of AC7108
- B17 – Solderability Test In Support of AC7108
- B18 – Adhesion Testing (Heat & Quench) In Support of AC7108
- B20 – Porosity Testing In Support of AC7108
- B23 – Other 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, Hard Anodize
 - Other Anodize Aluminum
- Anodize Aluminum, Sulfuric Acid
 - Other Anodize Aluminum
- Dye
- Seal

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

- Electroplating
 - Alloy Plating
 - Other Alloy Plating
 - Copper Plating
 - Other – Copper Plating
 - Gold Plating
 - Other Gold Plating
 - Nickel Plating
 - Other Nickel Plating
 - Silver Plating
 - Other Silver Plating
 - Tin Plating
 - Other Tin Plating

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

- Nickel
 - Other Nickel

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

Aluminum

Other Aluminum

Aluminum, Non-Hexavalent Chrome Alternatives

Other Aluminum Non Hexavalent Chrome Alternatives

AC7108/12 - Nadcap Audit Criteria for Acid Cleaning, Descaling, Passivation and Electropolishing (to be used on audits on/after 5 June 2016)

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

Passivation

Other Passivation

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

Other Titanium Cleaning Acid

AC7108/13 - Nadcap Audit Criteria for Brush Anodizing and Plating (to be used on audits on/after 5 June 2016)

Brush Plating

Other Brush Plating