



SCOPE OF ACCREDITATION

Chemical Processing

Advanced Surface Technologies

6155 W 54th Ave
Arvada, CO 80002-4022

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

AC7108/09 – 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

AC7108/15 – Pre–Penetrant Etch – AC7108/15 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)

Titanium Cleaning – Alkaline

Other 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 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

B05 – Salt Spray Testing In Support of AC7108

B06 – Water Immersion / Humidity Testing In Support of AC7108

B10 – Adhesion Testing (Adhesion Tape Testing) 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
- B20 – Porosity Testing In Support of AC7108
- B23 – Other Testing In Support of AC7108

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

Electroplating

- Gold Plating
 - Other Gold Plating
- Nickel Plating
 - Other Nickel 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

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

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

AC7108/15 - Nadcap Audit Criteria for Pre-Penetrant Etch

Immersion Pre penetrant Etch