



## SCOPE OF ACCREDITATION

### Chemical Processing

**Metal Surfaces Inc.**  
6060 Shull St  
Bell Gardens, CA 90201

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: [www.eAuditNet.com](http://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)**

AC7108/09 – 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

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 250°F (121°C) or for Miscellaneous Heating Processes, e.g. Part Drying.

Stripping of Coatings

Inorganic Coatings

Other Stripping

#### **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)**

Testing Performed Internally In Support of the Chemical Process Accreditation

B03 – Metallographic Preparation In Support of AC7108

B04 – Microhardness Testing In Support of AC7108

B05 – Salt Spray Testing In Support of AC7108

B07 – Heat Resistance 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

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

Electroplating

- Alloy Plating
  - Other Alloy Plating
- Cadmium Plating
  - Other Cadmium Plating
- Chromium Plating
- Copper Plating
  - Other – Copper Plating
- Gold Plating
  - Other Gold Plating
- Lead Plating
  - Other Lead Plating
- Nickel Plating
  - Other Nickel Plating
- Rhodium Plating
  - Other Rhodium 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

**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