

## SCOPE OF ACCREDITATION

### Chemical Processing

#### Metal Surfaces International LLC

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:

#### 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)

AC7108/03 – Surface Preparation for Metal Bond – AC7108/3 must also be selected

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 – 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)

Emulsion Cleaning

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

Stripping of Coatings as an Internal Rework Process

Inorganic Coatings

#### AC7108/3 Rev C - Nadcap Audit Criteria for Surface Preparation Prior to Metal Bond (to be used on audits on/after 5 June 2016)

Etching

#### AC7108/4 Rev C - Nadcap Audit Criteria for Solution Analysis and Testing in Support of Chemical Processing to AC7108 (To Be Used On Audits Conducted On audits on/after 21

**January 2018)**

Solution Analysis In Support of AC7108

Testing Performed Internally In Support of the Chemical Process Accreditation

B03 – Metallographic Preparation 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 Rev A - Nadcap Audit Criteria for Electroplating and Electroforming (to be used on audits on/AFTER 18-Feb-2024)**

Electroplating

Alloy Plating

Cadmium Plating

Chromium Plating

Copper Plating

Gold Plating

Lead Plating

Nickel Plating

Rhodium Plating

Silver Plating

Tin 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

Titanium

**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

