



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

X-R-I Testing

*1961 Thunderbird
Troy, MI 48084-5474
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: 3464187863
Expiration Date: 31 July 2020

Joseph G. Pinto
Executive Vice President and Chief Operating Officer



SCOPE OF ACCREDITATION

Chemical Processing

X-R-I Testing
1961 Thunderbird
Troy, MI 48084-5474

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 I - Nadcap Audit Criteria for Chemical Processing (to be used on audits on/after 21 January 2018)

AC7108/04 – Solution Analysis and Testing – AC7108/4 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 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 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

B06 – Water Immersion / Humidity Testing In Support of AC7108

B14 – Conductivity Testing In Support of AC7108

B23 – Other Testing In Support of AC7108

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

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

AC7108/15 - Nadcap Audit Criteria for Pre-Penetrant Etch (to be used on audits before 14 October 2018)

Immersion Pre penetrant Etch

Local (Swab) Pre–Penetrant Etch