Merit

Merit

Nadcap℠

Administered by PRI

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

Element Materials Technology Hartford Inc.

80 Kimberly Dr
South Windsor, CT 06074
United States

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

Chemical Processing

Certificate Number: 3509232712
Expiration Date: 30 November 2027
Accreditation Length: 24 Months

Jay Solomond
Executive Vice President & Chief Operating Officer

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

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SCOPE OF ACCREDITATION

Chemical Processing

Element Materials Technology Hartford Inc.
80 Kimberly Dr
South Windsor, CT 06074

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:

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)

AC7108/02 – Etch Inspection Processes and Pre–Penetrant Etch – AC7108/2 must also be selected
AC7108/04 – Solution Analysis and Testing – AC7108/4 must also be selected
AC7108/05 – Chem Milling and Alpha Case Removal – AC7108/5 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)
  Solvent 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 250ºF (121ºC) or for Miscellaneous Heating Processes, e.g. Part Drying.

AC7108/2 Rev H - Nadcap Audit Criteria for Etch Inspection Processes (Anodic Etch, Blue Etch, Anodize, Local, Macrostructure, Nital/Temper) and Pre-Penetrant Etch (to be used on audits on/AFTER 12-Jun-2022)

Etch Inspection Processes
  Anodic Etch
  Blue Etch Anodize
  Etching and Etch Inspection
  Macrostructure Etch
    Immersion – Macro
    Local (Swab) Etch – Macro
  Nital/Temper Etch

Immersion – Nital
Pre–Penetrant Etch
Immersion – Pre–Penetrant
Local (Swab) Etch – Pre–Penetrant

AC7108/4 Rev C - Nadcap Audit Criteria for Solution Analysis and Testing in Support of Chemical Processing to AC7108 (To be used on audits BEFORE 01-Mar-2026)

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

AC7108/5 Rev B - Nadcap Audit Criteria for Alpha Case Removal and Chemical Milling (to be used on audits on/after 5 June 2016)

Alpha Case Removal

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
Standalone Cleaning and Descaling
Acid Cleaning (If Titanium Acid Cleaning is also carried out then also check “Titanium Cleaning – Acid”)
Alkaline Cleaning (If Titanium Alkaline Cleaning is also carried out then also check “Titanium Cleaning – Alkaline”)
Titanium Cleaning – Acid (This process also requires “Titanium Cleaning – Alkaline” to be checked unless customer specifications permit otherwise)
Titanium Cleaning – Alkaline