



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

Hycrome Aerospace Ltd

*Widow Hill Road Heasandford Ind Estate
Burnley Lancashire, BB10 2TT
United Kingdom*

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: 6027209259
Expiration Date: 31 August 2022
Accreditation Length: 12 Months

David L. Schutt, PhD
President

SCOPE OF ACCREDITATION

Chemical Processing

Hycrome Aerospace Ltd
Widow Hill Road Heasandford Ind Estate
Burnley Lancashire, BB10 2TT
United Kingdom

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)

AC7108/01 – Painting Dry Film Coatings and Sol Gel as a Preparation for Paint – AC7108/1 must also be selected

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

AC7108/08 – Anodizing (Not for Metal Bond) – AC7108/8 must also be selected

AC7108/09 – Electroplating and Electroforming – AC7108/9 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)

Solvent Cleaning

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.

Stripping of Coatings as an Internal Rework Process

Inorganic Coatings

Other Stripping

AC7108/1 Rev D - Nadcap Audit Criteria for Painting & Dry Film Coatings (to be used on audits on/after 12 July 2020)

Dry Film Lubricant Coatings

Painting

AC7108/2 Rev G - 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 11 October 2020)

Etch Inspection Processes

Etching and Etch Inspection

Nital/Temper Etch

Immersion nital

Pre-Penetrant Etch

Immersion pre

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

B04 – Microhardness Testing In Support of AC7108

B05 – Salt Spray Testing In Support of AC7108

B10 – Adhesion Testing (Adhesion Tape Testing) In Support of AC7108

B13 – Coating Weight Testing In Support of AC7108

B14 – Conductivity Testing In Support of AC7108

B16 – Coating Thickness Measurement In Support of AC7108

B21 – Paint Color and Gloss Testing In Support of AC7108

B22 – Solvent Resistance Testing In Support of AC7108

B23 – Other Testing In Support of AC7108

AC7108/8 - Nadcap Audit Criteria for Anodizing (Not For Metal Bond) (to be used on audits on/after 5 June 2016)

Anodize Aluminum, Chromic Acid

Anodize Aluminum, Sulfuric Acid

Anodize Titanium

Anodizing Aluminum, Type 1 Non-Hexavalent Chrome (e.g. Boric/Sulfuric)

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

Electroplating

Chromium Plating

AC7108/11 - Nadcap Audit Criteria for Conversion Coating (to be used on audits on/after 5 June 2016)

Aluminum

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

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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:

Coatings

Certificate Number: 6027190216
Expiration Date: 31 October 2021
Accreditation Length: 24 Months

Michael J. Hayward
Vice President and Chief Operating Officer

Merit

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

Merit



SCOPE OF ACCREDITATION

Coatings

Hycrome Aerospace Ltd
Widow Hill Road Heasandford Ind Estate
Burnley Lancashire, BB10 2TT
United Kingdom

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:

AC7109 Rev F - Nadcap Audit Criteria for Coatings (to be used on audits on/after 3 December 2017)

AC7109/1 Rev D - Nadcap Audit Criteria for Thermal Spray (to be used on audits before 3 June 2018)

Electric Arc Wire Spray
High Velocity Oxy Fuel (HVOF)/ High Velocity Air Fuel (HVOF)
Plasma Thermal Spray
Stripping
Surface Finish of As-sprayed Coatings
Thickness – Mechanical

AC7109/4 Rev D - Nadcap Audit Criteria for Stripping (to be used on audits on/after 7 August 2016)

Electrolytic
Grit Blast

AC7109/5 Rev G - Nadcap Audit Criteria for Coating Evaluations (Laboratory) (Req'd for all Coatings audits - except suppliers using Nadcap approved AC7109/5 labs)(to be used on audits on/after 3 December, 2017)

Bond Strength – Bend
Bond Strength – Tensile
Metallography/Microstructure
Microindentation Hardness – Vickers

Thickness – Metallographic

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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:

Heat Treating

Certificate Number: 6027203015
Expiration Date: 28 February 2023
Accreditation Length: 18 Months

David L. Schutt, PhD
President

Merit

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

Merit



SCOPE OF ACCREDITATION

Heat Treating

Hycrome Aerospace Ltd
Widow Hill Road Heasandford Ind Estate
Burnley Lancashire, BB10 2TT
United Kingdom

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In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7101/3 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing (to be used on audits on/after 4 December 2016)

(A) Room Temperature Tensile – Check any applicable boxes

AC7102 Rev J - Nadcap Audit Criteria for Heat Treating Baseline (AC7102/S and AC7102/8 must also be selected) (to be used on audits on/after 3 December 2017)

Aluminum Alloys – AC7102/2 must also be selected

AC7102S Rev G - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/after 16 April, 2017)

U13 Bombardier, Inc.

AC7102/2 Rev C - Nadcap Audit Criteria for Aluminum Heat Treating (to be used on audits before 2 September, 2018)

Aluminum Alloys – Customer Specs

AC7102/5 Rev D - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on on/after 3 September 2017)

Conductivity – Customer Specs

Hardness – Rockwell – Check any applicable boxes

Hardness – Vickers – Check any applicable boxes

Industry Spec – Other

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Hycrome Aerospace Ltd
Burnley Lancashire, United Kingdom

#2

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750

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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:

NonDestructive Testing

Certificate Number: 6027197364
Expiration Date: 31 May 2023
Accreditation Length: 24 Months

David L. Schutt, PhD
President

Merit

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

Merit



SCOPE OF ACCREDITATION

NonDestructive Testing

Hycrome Aerospace Ltd
Widow Hill Road Heasandford Ind Estate
Burnley Lancashire, BB10 2TT
United Kingdom

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:

AC7114 Rev K - Nadcap Audit Criteria for NonDestructive Testing (NDT) Suppliers Accreditation (to be used on audits before 31 December 2017)

AC7114S Rev L - Nadcap Supplemental Audit Criteria for NonDestructive Testing (NDT) Suppliers Accreditation Program (to be used on audits before 31 December, 2017)

S-U14 SAFRAN

S-U8 Airbus

AC7114/1 Rev J - Nadcap Audit Criteria for NonDestructive Testing Facility Penetrant Survey (to be used on audits before 31 December 2017)

AC7114/1S Rev K - Nadcap Supplemental Audit Criteria for Penetrant Suppliers Accreditation Program (to be used on audits before 31 December 2017)

S-U14 SAFRAN

S-U8 Airbus

AC7114/2 Rev J - Nadcap Audit Criteria for NonDestructive Testing Magnetic Particle Survey (to be used on audits before 31 December 2017)

AC7114/2S Rev K - Nadcap Supplemental Audit Criteria for NonDestructive Testing Magnetic Particle Survey (to be used before 31 December 2017)

S-U8 Airbus

Merit



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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:

Surface Enhancement

Certificate Number: 6027201259
Expiration Date: 31 May 2022
Accreditation Length: 18 Months

David L. Schutt, PhD
President

Merit

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

Merit



SCOPE OF ACCREDITATION

Surface Enhancement

Hycrome Aerospace Ltd
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In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

**AC7117 Rev B - Nadcap Audit Criteria for Shot Peening, Peen Forming, Glass Bead Peening
(to be used on audits before 17 June 2018)**

S-U13 Bombardier

S-U8 Airbus

**AC7117/2 Rev B - Nadcap Audit Criteria for Automated Peening (to be used on audits on/after
9 July 2017)**

S-U13 Bombardier

S-U8 Airbus