

SCOPE OF ACCREDITATION

Coatings

Sonic Industries Inc
20030 S. Normandie Ave
Torrance, CA 90502

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 E - Nadcap Audit Criteria for Thermal Spray (to be used on audits before 3 May 2020)

High Velocity Oxy Fuel (HVOF)/ High Velocity Air Fuel (HVOF)
Residual Stress
Thickness – Mechanical

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
Residual Stress
Thickness – Metallographic

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Chemical Processing

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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:

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

AC7108/04 – Solution Analysis and Testing – AC7108/4 must also be selected

AC7108/12 – Acid Cleaning, Descaling, Passivation and Electropolishing – AC7108/12 must also be selected

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.

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

Dry Film Lubricant Coatings

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

B05 – Salt Spray Testing In Support of AC7108

B06 – Water Immersion / Humidity Testing In Support of AC7108

B16 – Coating Thickness Measurement 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 before 12 July 2020)

Passivation

SCOPE OF ACCREDITATION

NonDestructive Testing

Sonic Industries Inc
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Torrance, CA 90502

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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:

AC7114 Rev M - Nadcap Audit Criteria for NonDestructive Testing (NDT) Suppliers Accreditation (to be used on audits before 5 January 2020)

AC7114S Rev N - Nadcap Supplemental Audit Criteria for NonDestructive Testing (NDT) Suppliers Accreditation Program (to be used on audits before 05 January 2020))

S-U11 The Boeing Company

S-U17 Sikorsky

AC7114/1 Rev L - Nadcap Audit Criteria for NonDestructive Testing Facility Penetrant Survey (to be used on audits before 5 January 2020)

AC7114/1S Rev M - Nadcap Supplemental Audit Criteria for Penetrant Suppliers Accreditation Program (to be used on audits before 05 January 2020)

S-U11 The Boeing Company

S-U17 Sikorsky

AC7114/2 Rev L - Nadcap Audit Criteria for NonDestructive Testing Magnetic Particle Survey (to be used on audits before 5 January 2020)

AC7114/2S Rev M - Nadcap Supplemental Audit Criteria for NonDestructive Testing Magnetic Particle Survey (to be used on audits before 05 January 2020)

S-U11 The Boeing Company

S-U17 Sikorsky

SCOPE OF ACCREDITATION

Surface Enhancement

Sonic Industries Inc
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Torrance, CA 90502

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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-U11 The Boeing Company

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

S-U11 The Boeing Company

SCOPE OF ACCREDITATION

Heat Treating

Sonic Industries Inc
20030 S. Normandie Ave
Torrance, CA 90502

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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:

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)

Nickel and Cobalt Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other

Nickel and Cobalt Alloys– Customer Specs

Stainless Steels, Precipitation Hardening – Customer Specs

Stainless Steels, Precipitation Hardening – Industry Specs – Check any applicable boxes

Titanium Alloys – Customer Specs

Titanium Alloys – Industry Specs – Check any applicable boxes

AC7102S Rev G - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits before 14 October, 2018)

U11 The Boeing Company

U13 Bombardier, Inc.

U14 SAFRAN Group

AC7102/5 Rev D - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on before 5 May 2019)

Hardness – Rockwell – Check any applicable boxes

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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