



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

Solar Atmospheres Inc

*1969 Clearview Rd
Souderton, PA 18964
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:

Heat Treating

Certificate Number: 3783178984
Expiration Date: 31 January 2020

Joseph G. Pinto
Executive Vice President and Chief Operating Officer



SCOPE OF ACCREDITATION

Heat Treating

Solar Atmospheres Inc
1969 Clearview Rd
Souderton, PA 18964

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:

AC7101/4 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories - Metallography and Microindentation Hardness (to be used on audits on/after 14 August 2016)

(L0) Metallography Evaluation

Industry Spec – Other L0

(L1) Microindentation (Interior)

(L10) Near Surface Examinations – Carburization/Decarburization

(L5) Near Surface Examinations – Microindentation (Surface Case Depth)

(L5X) Near Surface Examinations – Microindentation (Surface) (Chord Method ARP1820)

(L7) Near Surface Examinations – IGA, IGO

(L8) Near Surface Examinations – Alpha Case: Wrought Titanium

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)

Beryllium/Copper– Customer Specs

Carburizing – AC7102/3 must also be selected

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

Industry Spec – Other

Nickel and Cobalt Alloys– Customer Specs

Stainless Steels, Austenitic – Industry Specs – Check any applicable boxes

Industry Spec – Other

Stainless Steels, Austenitic– Customer Specs

Stainless Steels, Martensitic – Customer Specs

Stainless Steels, Martensitic – Industry Specs – Check any applicable boxes

Industry Spec – Other

Stainless Steels, Precipitation Hardening – Customer Specs
Stainless Steels, Precipitation Hardening – Industry Specs – Check any applicable boxes
 Industry Spec – Other
Steels – Customer Specs
Steels – Industry Specs – Check any applicable boxes
Stress Relieve – Industry Specs – Check any applicable boxes
Titanium Alloys – Customer Specs
Titanium Alloys – Industry Specs – Check any applicable boxes
 AMS–H–81200
Vacuum Heat Treating – Customer Specs
Vacuum Heat Treating – Industry Specs – Check any applicable boxes

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

U10 GE Aviation
U11 The Boeing Company
U18 United Technologies Corp. – Hamilton Sundstrand
U23 Raytheon Company
U3 Rolls–Royce PLC

AC7102/3 Rev D - Nadcap Audit Criteria for Heat Treating - Carburizing (to be used on audits on/after 10 July 2016)

Carburizing – Industry Specs – Check any applicable boxes
Vacuum Carburizing – Customer Specs
Vacuum Carburizing – Industry Specs – Check any applicable boxes
 Industry Spec – Other

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

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
 AMS2750



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

Solar Atmospheres

*255 Township Line Road
Hatfield, PA 19440
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:

Heat Treating

Certificate Number: 7823178983
Expiration Date: 31 January 2020

Joseph G. Pinto
Executive Vice President and Chief Operating Officer



SCOPE OF ACCREDITATION

Heat Treating

Solar Atmospheres
255 Township Line Road
Hatfield, PA 19440

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:

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)

Brazing – AC7102/1 must also be selected

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

U00 None

AC7102/1 Rev F - Nadcap Audit Criteria for Heat Treating - Brazing (to be used on audits on/after 10 July 2016)

Vacuum Brazing – Customer Specs

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750