



In accordance with SAE Aerospace Standard AS7003, to the revision in effect at the time of the audit, 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: 3783163061
Expiration Date: 31 January 2017

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 E - Nadcap Audit Criteria for Materials Testing Laboratories - Metallography and Microindentation Hardness

- (L) Metallography (General)
 - Industry Spec – Other (L)
- (L1) Microindentation (Interior)
 - Industry Spec – Other (L1)
- (L10) Near Surface Examinations – Carburization
- (L5) Near Surface Examinations – Microindentation (Surface)
 - Industry Spec – Other (L5)
- (L5X) Near Surface Examinations – Microindentation (Surface)
- (L7) Near Surface Examinations – IGA, IGO
- (L8) Near Surface Examinations – Alpha Case: Wrought Titanium

AC7102 Rev H - Nadcap Audit Criteria for Heat Treating (AC7102/S and AC7102/8 must also be selected)

- Beryllium Copper – Industry Specs
 - Industry Spec – Other
- Beryllium/Copper – Customer Specs
- Carburizing – AC7102/3 must also be selected
- Cast Irons – Customer Specs
- Copper Alloys – Customer Specs
- Nickel and Cobalt Alloys – Industry Specs
 - Industry Spec – Other
- Nickel and Cobalt Alloys – Customer Specs
- Stainless Steels – Customer Specs

Stainless Steels – Industry Specs
 Industry Spec – Other
Stainless Steels, Martensitic – Customer Specs
Stainless Steels, Martensitic – Industry Specs
 Industry Spec – Other
Stainless Steels, Precipitation Hardening – Customer Specs
Stainless Steels, Precipitation Hardening – Industry Specs
 Industry Spec – Other
Steels – Customer Specs
Steels – Industry Specs
 Industry Spec – Other
Titanium Alloys – Customer Specs
Titanium Alloys – Industry Specs
 Industry Spec – Other
Vacuum Heat Treating – Customer Specs
Vacuum Heat Treating – Industry Specs
 Industry Spec – Other

AC7102S Rev E - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits before 10 May 2015)

U10 GE Aviation
U3 Rolls–Royce PLC

AC7102/3 Rev C - Nadcap Audit Criteria for Carburizing

Carburizing – Industry Specs
Vacuum Carburizing – Customer Specs
Vacuum Carburizing – Industry Specs

AC7102/5 Rev C - Nadcap Audit Criteria for Hardness and/or Conductivity Testing for Heat Treating

Hardness – Rockwell

AC7102/8 - Nadcap Audit Criteria for Pyrometry

Pyrometry – Customer Specs
Pyrometry – Industry Specs
 AMS 2750