

Merit

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*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](http://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: 3783231725  
Expiration Date: 31 August 2027  
Accreditation Length: 24 Months



**Jay Solomond**  
Executive Vice President & Chief Operating Officer

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## 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](http://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

#### AC7101/4 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories-Metallography & Microindentation Hardness (to be used on audits on/after 14 August 2016)\*\*\* If the Auditee holds any MTL accreditation, then this checklist must be done as part of an MTL audit

- (L1) Microindentation (Interior)
- (L10) Near Surface Examinations – Carburization/Decarburization
- (L5) Near Surface Examinations – Microindentation (Surface Case Depth)
- (L7) Near Surface Examinations – IGA, IGO
- (L8) Near Surface Examinations – Alpha Case: Wrought Titanium

#### AC7102 Rev K - Nadcap Audit Criteria for Heat Treating Baseline (AC7102/S and AC7102/8 must also be selected) (to be used on audits on or after 15-Aug-2021)

- 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
- Nickel and Cobalt Alloys– Customer Specs
- Stainless Steels, Austenitic – Customer Specs
- Stainless Steels, Austenitic – Industry Specs – Check any applicable boxes
  - Industry Spec – Other – Stainless Steels, Austenitic
- Stainless Steels, Martensitic – Customer Specs
- Stainless Steels, Martensitic – Industry Specs – Check any applicable boxes
  - Industry Spec – Other – Stainless Steels, Martensitic
- Stainless Steels, Precipitation Hardening – Customer Specs
- Stainless Steels, Precipitation Hardening – Industry Specs – Check any applicable boxes
  - Industry Spec – Other – Stainless Steels, Precipitation Hardening
- Stress Relieve – Industry Specs – Check any applicable boxes
- Titanium Alloys – Customer Specs

Titanium Alloys – Industry Specs – Check any applicable boxes  
Vacuum Heat Treating – Customer Specs  
Vacuum Heat Treating – Industry Specs – Check any applicable boxes

**AC7102S Rev K - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/AFTER 12-Nov-2023)**

U1 Honeywell Aerospace  
U10 GE Aviation  
U11 The Boeing Company  
U23 Raytheon Intelligence & Space (RI&S) and Raytheon Missiles & Defense (RMD)  
U3 Rolls–Royce

**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 F - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on audits on/AFTER 30-Apr-2023)**

Hardness – Rockwell – Check any applicable boxes

**AC7102/8 Rev B - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits BEFORE 20-Jul-2025)**

Pyrometry – Customer Specs  
Pyrometry – Industry Specs – Check any applicable boxes  
AMS2750

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

## **Solar Atmospheres**

190 Keystone Dr  
Telford, PA 18969  
United States

*This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in [www.eAuditNet.com](http://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: 7823231724  
Expiration Date: 31 August 2027  
Accreditation Length: 24 Months

**Jay Solomond**  
Executive Vice President & Chief Operating Officer

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## SCOPE OF ACCREDITATION

### Heat Treating

Solar Atmospheres  
190 Keystone Dr  
Telford, PA 18969

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: [www.eAuditNet.com](http://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

#### AC7102 Rev K - Nadcap Audit Criteria for Heat Treating Baseline (AC7102/S and AC7102/8 must also be selected) (to be used on audits on or after 15-Aug-2021)

Brazing – AC7102/1 must also be selected

#### AC7102S Rev K - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/AFTER 12-Nov-2023)

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

Vacuum Brazing – Industry Specs – Check any applicable boxes

Industry Spec – Other

#### AC7102/8 Rev B - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits BEFORE 20-Jul-2025)

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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