

Merit

Merit



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

**Solar Atmospheres Inc**

1969 Clearview Rd

David L. Schutt, PhD  
President

Merit

Merit

## 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 - 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

(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 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  
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  
Vacuum Heat Treating – Customer Specs  
Vacuum Heat Treating – Industry Specs – Check any applicable boxes

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

U10 GE Aviation  
U11 The Boeing Company  
U23 Raytheon Company  
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 A - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits BEFORE 27-Aug-2023)**

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

Merit

11/16/11



*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**

David L. Schutt, PhD  
President

Merit

11/16/11

Performance Review

## 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 - 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 J - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits BEFORE 12-Nov-2023)**

U10 GE Aviation

**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 A - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits BEFORE 27-Aug-2023)**

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750