



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

## ***Phoenix Heat Treating Inc***

*2405 W Mohave St  
Phoenix, AZ 85009  
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:*

## ***Aerospace Quality System (AC7004)***

Certificate Number: 3698172486  
Expiration Date: 31 January 2022

*Joseph G. Pinto  
Executive Vice President and Chief Operating Officer*



## **SCOPE OF COMPLIANCE**

### **Aerospace Quality Systems**

**Phoenix Heat Treating Inc**  
2405 W Mohave St  
Phoenix, AZ 85009

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:

**AC7004 Rev F - Nadcap Audit Criteria for Quality Management System (to be used on audits before 30 December 2018)**



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## **Phoenix Heat Treating Inc**

2405 W Mohave St  
Phoenix, AZ 85009  
United States

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## **Heat Treating**

Certificate Number: 3698188548  
Expiration Date: 31 July 2020

Joseph G. Pinto  
Executive Vice President and Chief Operating Officer





## SCOPE OF ACCREDITATION

### Heat Treating

**Phoenix Heat Treating Inc**  
2405 W Mohave St  
Phoenix, AZ 85009

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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:

**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)**

- (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)
- (L6) Near Surface Examinations – Nitriding
- (L7) Near Surface Examinations – IGA, IGO

**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)**

- Aluminum Alloys – AC7102/2 must also be selected
- Beryllium Copper – Industry Specs – Check any applicable boxes
  - Industry Spec – Other
- 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
- Nitriding – AC7102/4 must also be selected
- Plating (Temporary Plating & Braze Preparation Only) – Check any applicable boxes
  - Customer Specs
  - Industry 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  
Industry Spec – Other  
Stress Relieve – Customer Specs  
Stress Relieve – Industry Specs – Check any applicable boxes  
Industry Spec – Other  
Titanium Alloys – Customer Specs  
Titanium Alloys – Industry Specs – Check any applicable boxes  
Industry Spec – Other  
Vacuum Heat Treating – Customer Specs  
Vacuum Heat Treating – Industry Specs – Check any applicable boxes  
Industry Spec – Other

**AC7102S Rev H - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on before 7 April, 2019)**

U10 GE Aviation  
U11 The Boeing Company  
U14 SAFRAN Group  
U18 United Technologies Corp. – Hamilton Sundstrand  
U3 Rolls–Royce PLC

**AC7102/2 Rev D - Nadcap Audit Criteria for Aluminum Heat Treating (to be used on audits on/after 2 September, 2018)**

Aluminum Alloys – Customer Specs  
Aluminum Alloys – Industry Specs – Check any applicable boxes  
Industry Spec – Other

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

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

**AC7102/4 Rev D - Nadcap Audit Criteria for Heat Treating - Gas, Ion/ Plasma and/or Salt Bath Nitriding (to be used on audits on/after 6 August 2017)**

Nitriding – Customer Specs

Nitriding – 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)**

Conductivity – Check any applicable boxes

Industry Spec – Other

Conductivity – Customer Specs

Hardness – Brinell – Check any applicable boxes

Industry Spec – Other

Hardness – Portable – Check any applicable boxes

Hardness – Rockwell – Check any applicable boxes

Industry Spec – Other

**AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry**

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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