

## SCOPE OF ACCREDITATION

### Heat Treating

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:

#### 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

(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

#### 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)

Aluminum Alloys (Must be selected if Aluminum is Heat Treated)

Aluminum Alloys – Customer Specs

Aluminum Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other – Aluminum Alloys from –2

Beryllium Copper – Industry Specs – Check any applicable boxes

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Industry Spec – Other – Beryllium/Copper

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  
Industry Spec – Other – Steels  
Stress Relieve – Customer Specs  
Stress Relieve – Industry Specs – Check any applicable boxes  
Industry Spec – Other – Stress Relieve  
Titanium Alloys – Customer Specs  
Titanium Alloys – Industry Specs – Check any applicable boxes  
Industry Spec – Other – Titanium Alloys  
Vacuum Heat Treating – Customer Specs  
Vacuum Heat Treating – Industry Specs – Check any applicable boxes  
Industry Spec – Other – Vacuum Heat Treating

**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  
U18 Collins Aerospace (Hamilton Sundstrand)  
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 – Customer Specs  
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)**

Conductivity – Customer Specs  
Conductivity – Industry Specs – Check any applicable boxes  
Industry Spec  
Hardness – Brinell – Check any applicable boxes  
Industry Spec – Other

Hardness – Portable – Check any applicable boxes

Industry Spec – Other

Hardness – Rockwell – Check any applicable boxes

Industry Spec – Other

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

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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