

SCOPE OF ACCREDITATION

Heat Treating

Continental Heat Treating
10643 S. Norwalk Blvd
Santa Fe Springs, CA 90670

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 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

(L11) Grain Size

(L5) Near Surface Examinations – Microindentation (Surface Case Depth)

Industry Spec – Other L5

(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)

Beryllium Copper – Industry Specs – Check any applicable boxes

Industry Spec – Other

Beryllium/Copper– Customer Specs

Carburizing – AC7102/3 must also be selected

Cast Irons – Customer Specs

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

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
Vacuum Heat Treating – Customer Specs
Vacuum Heat Treating – Industry Specs – Check any applicable boxes
 Industry Spec – Other

AC7102S Rev I - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits before 31 May 2020)

U11 The Boeing Company
U14 SAFRAN Group
U18 United Technologies Corp. – Hamilton Sundstrand
U23 Raytheon Company
U3 Rolls–Royce PLC
U7 MTU Aero Engines GmbH

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

Carbonitriding – Customer Specs
Carbonitriding – Industry Specs – Check any applicable boxes
 Industry Spec – Other
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 E - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on on/after 5 May 2019)

Hardness – Brinell – Check any applicable boxes

Hardness – Portable – Check any applicable boxes

Hardness – Rockwell – Check any applicable boxes

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750