SCOPE OF ACCREDITATION

Heat Treating

Specialty Steel Treating
34501 Commerce Dr
Fraser, MI 48026-1692

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:

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
(L11) Grain Size
(L5) Near Surface Examinations – Microindentation (Surface Case Depth)
Industry Spec – Other L5
(L6) Near Surface Examinations – Nitriding
(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)

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
Nitriding – AC7102/4 must also be selected
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
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
U11 The Boeing Company
U18 Collins Aerospace (Hamilton Sundstrand)
U3 Rolls–Royce

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

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

AC7102/4 Rev E - Nadcap Audit Criteria for Heat Treating - Gas, Ion/ Plasma and/or Salt Bath Nitriding (to be used on audits on/AFTER 30-Apr-2023)

Nitriding – Customer Specs
Nitriding – 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 – Portable – Check any applicable boxes
Hardness – Rockwell – Check any applicable boxes

AC7102/8 Rev B - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits on/AFTER 27-Aug-2023)

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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