

SCOPE OF ACCREDITATION

Heat Treating

Aalberts Surface Technologies Heat Limited
Blackhorse Road
Letchworth Herts, SG6 1HD
United Kingdom

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)

Industry Spec – Other L1

(L10) Near Surface Examinations – Carburization/Decarburization

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

(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 BEFORE 15-Aug-2021)

Beryllium Copper – Industry Specs – Check any applicable boxes

Industry Spec – Other – Beryllium/Copper

Beryllium/Copper– Customer Specs

Carburizing – AC7102/3 must also be selected

Cast Irons – Customer Specs

Copper Alloys – Customer Specs

Hot Isostatic Pressing (HIP) – AC7102/6 must also be selected

Nickel and Cobalt Alloys – Industry Specs – Check any applicable boxes

Nickel and Cobalt Alloys– Customer Specs

Nitriding – AC7102/4 must also be selected

Stainless Steels, Austenitic – Industry Specs – Check any applicable boxes

Industry Spec – Other – Stainless Steels, Austenitic

Stainless Steels, Austenitic– Customer Specs

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

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

U14 SAFRAN Group
U18 United Technologies Corp. – Hamilton Sundstrand
U3 Rolls–Royce PLC

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

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)

Ferritic Nitrocarburizing – Customer Specs
Ferritic Nitrocarburizing – Industry Specs – Check any applicable boxes
Nitriding – Customer Specs
Nitriding – Industry Specs – Check any applicable boxes

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
Industry Spec – Other
Hardness – Rockwell – Check any applicable boxes
Industry Spec – Other
Hardness – Vickers – Check any applicable boxes

Industry Spec – Other

AC7102/6 - Nadcap Audit Criteria for Heat Treating for Hot Isostatic pressing (HIP)

Hot Isostatic Pressing (HIP) – Customer Specs

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits before 15-Aug-2021)

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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