

SCOPE OF ACCREDITATION

Heat Treating

Thermal-Vac Technology / Scarrott Metallurgical Company
1221 W Struck Ave
Orange, CA 92867

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 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

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**

(L1) Microindentation (Interior)

Industry Spec – Other L1

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)

Brazing – AC7102/1 must also be selected

Copper Alloys – Customer Specs

Copper Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other – Copper alloys

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

Industry Spec – Other – Nickel and Cobalt Alloys

Nickel and Cobalt Alloys – Customer Specs

Plating (Temporary Plating & Braze Preparation Only) – Customer Specs Plating (Temporary Plating & Braze Preparation Only) – Industry Specs – Check any applicable boxes

Industry Spec – Other – Plating

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

U11 The Boeing Company

U18 Collins Aerospace (Hamilton Sundstrand)

U23 Raytheon Intelligence & Space (RI&S) and Raytheon Missiles & Defense (RMD)

AC7102/1 Rev F - Nadcap Audit Criteria for Heat Treating - Brazing (to be used on audits on/after 10 July 2016)

Dip Brazing – Customer Specs

Dip Brazing – Industry Specs – Check any applicable boxes

Industry Spec – Other

Vacuum Brazing – Customer Specs

Vacuum Brazing – 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 – 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

AMS2750