

SCOPE OF ACCREDITATION

Heat Treating

VOESTALPINE HIGH PERFORMANCE METALS LTD (THERMO-TECH DIV) 2645 MEADOWVALE BLVD

MISSISSAUGA, ON L5N 7Y4 Canada

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

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

(L10) Near Surface Examinations – Carburization/Decarburization

(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 – Customer Specs
Aluminum Alloys – Industry Specs – Check any applicable boxes
Nickel and Cobalt Alloys – Industry Specs – Check any applicable boxes
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 – Customer Specs
Stainless Steels, Martensitic – Industry Specs – Check any applicable boxes
Industry Spec – Other – Stainless Steels, Austenitic
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
Steels – Customer Specs

Steels – Industry Specs – Check any applicable boxes

Industry Spec – Other – Steels

Stress Relieve – Customer Specs

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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 J - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on'after 31 May 2020)

U00 None

AC7102/5 Rev E - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on audits BEFORE 30-Apr-2023)

Hardness – Rockwell – Check any applicable boxes

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

Pyrometry – Customer Specs Pyrometry – Industry Specs – Check any applicable boxes AMS2750