



This certificate is granted and awarded by the authority of the Nadcap Management Council to:

Tamayakin Co. Ltd.

*2-77-1 Inadaira
Musashimurayama-shi Tokyo, 2080023
Japan*

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturer's List (QML), to the revision in effect at the time of the audit for:

Heat Treating

Certificate Number: 9373225446
Expiration Date: 28 February 2026
Accreditation Length: 12 Months

Jay Solomond
Executive Vice President & Chief Operating Officer

SCOPE OF ACCREDITATION

Heat Treating

Tamayakin Co. Ltd.
2-77-1 Inadaira
Musashimurayama-shi Tokyo, 2080023
Japan

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

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

(L5X) Near Surface Examinations – Microindentation (Surface) (Chord Method ARP1820)

(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)

Aluminum Alloys (Must be selected if Aluminum is Heat Treated)

Aluminum Alloys – Industry Specs – Check any applicable boxes

Carburizing – AC7102/3 must also be selected

Nitriding – AC7102/4 must also be selected

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

Stainless Steels, Precipitation Hardening – Industry Specs – Check any applicable boxes

Stress Relieve – Industry Specs – Check any applicable boxes

Titanium Alloys – Customer Specs

Vacuum Heat Treating – Customer Specs

Vacuum Heat Treating – Industry Specs – Check any applicable boxes

AC7102S Rev K - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/AFTER 12-Nov-2023)

U3 Rolls–Royce

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

Carburizing – Customer Specs

Carburizing – Industry Specs – Check any applicable boxes

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

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)

Conductivity – Industry Specs – Check any applicable boxes

Hardness – Rockwell – Check any applicable boxes

Hardness – Vickers – 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

AMS2750