

Merit

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

Charles E. Larson & Sons

*2645 N. Keeler Ave
Chicago, IL 60639
United States*

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: 3554216215
Expiration Date: 28 February 2026
Accreditation Length: 24 Months



Jay Solomond
Executive Vice President & Chief Operating Officer

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SCOPE OF ACCREDITATION

Heat Treating

Charles E. Larson & Sons
2645 N. Keeler Ave
Chicago, IL 60639

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

AC7101/3 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing (to be used on audits on/after 4 December 2016) *If the Auditee holds any MTL accreditation, then this checklist must be done as part of an MTL audit.**

(A) Room Temperature Tensile – Check any applicable boxes

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

(L11) Grain Size

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 – 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

Stainless Steels, Martensitic – Customer Specs

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

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

Titanium Alloys – Customer Specs

Titanium Alloys – 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)

U1 Honeywell Aerospace

U10 GE Aviation

U11 The Boeing Company

U3 Rolls–Royce

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 – Brinell – 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