



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

Lear Romec div of Crane Co

*241 South Abbe Road
Elyria, OH 44035
United States*

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

Heat Treating

Certificate Number: 8708181229
Expiration Date: 31 January 2019

Joseph G. Pinto
Executive Vice President and Chief Operating Officer



SCOPE OF ACCREDITATION

Heat Treating

Lear Romec div of Crane Co
241 South Abbe Road
Elyria, OH 44035

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 and Microindentation Hardness (to be used on audits on/after 14 August 2016)

(L0) Metallography Evaluation

Industry Spec – Other L0

(L6) Near Surface Examinations – Nitriding

AC7102 Rev I - Nadcap Audit Criteria for Heat Treating (AC7102/S and AC7102/8 must also be selected) (to be used on audits before 3 December 2017)

Cast Irons – Industry Specs – Check any applicable boxes

Industry Spec – Other

Nitriding – AC7102/4 must also be selected

Steels – Industry Specs – Check any applicable boxes

Industry Spec – Other

Stress Relieve – Industry Specs – Check any applicable boxes

Industry Spec – Other

AC7102S Rev G - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/after 16 April, 2017)

U00 None

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

Induction Brazing – AC7110/1 must also be selected

AC7102/4 Rev D - Nadcap Audit Criteria Gas and/or Ion Nitriding (to be used on audits on/after 6 August 2017)

Nitriding – Industry Specs – Check any applicable boxes
Industry Spec – Other

AC7102/5 Rev D - Nadcap Audit Criteria for Hardness and/or Conductivity Testing for Heat Treating (to be used on on/after 3 September 2017)

Hardness – Rockwell – Check any applicable boxes

AC7102/8 - Nadcap Audit Criteria for Pyrometry

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750

AC7110/1 Rev H - Nadcap Audit Criteria for Brazing (Torch/Induction) (to be used on audits on/after 7 August, 2016)

Induction (Additional requirements)

Industry Spec – Other