

Merit

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

Hercules Heat Treating Corp

*101-113 Classon Ave
Brooklyn, NY 11205
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: 3166199340
Expiration Date: 28 February 2023
Accreditation Length: 18 Months



David L. Schutt, PhD
President

Merit

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

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SCOPE OF ACCREDITATION

Heat Treating

Hercules Heat Treating Corp
101-113 Classon Ave
Brooklyn, NY 11205

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:

AC7101/3 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

(L1) Microindentation (Interior)

Industry Spec – Other L1

(L10) Near Surface Examinations – Carburization/Decarburization

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

(L7) Near Surface Examinations – IGA, IGO

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

Aluminum Alloys – AC7102/2 must also be selected

Beryllium Copper – Industry Specs – Check any applicable boxes

Industry Spec – Other – Beryllium/Copper

Beryllium/Copper– Customer Specs

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

Industry Spec – Other – Nickel and Cobalt Alloys

Nickel and Cobalt Alloys– Customer Specs

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

Industry Spec – Other – Stainless Steels, Austenitic

Stainless Steels, Austenitic– Customer Specs

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 – Industry Specs – Check any applicable boxes
Stress Relieve – Customer Specs
Stress Relieve – Industry Specs – Check any applicable boxes
Industry Spec – Other – Stress Relieve – Customer Specs
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)

U11 The Boeing Company
U14 SAFRAN Group
U18 United Technologies Corp. – Hamilton Sundstrand
U23 Raytheon Company

AC7102/2 Rev D - Nadcap Audit Criteria for Aluminum Heat Treating (to be used on audits on/after 2 September, 2018)

Aluminum Alloys – Customer Specs
Aluminum Alloys – Industry Specs – Check any applicable boxes
Industry Spec – Other

AC7102/5 Rev E - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on on/after 5 May 2019)

Conductivity – Customer Specs
Conductivity – Industry Specs – Check any applicable boxes
Industry Spec – Other
Hardness – Brinell – Check any applicable boxes
Industry Spec – Other
Hardness – Portable – Check any applicable boxes
Industry Spec – Other
Hardness – Rockwell – Check any applicable boxes
Industry Spec – Other

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Hercules Heat Treating Corp
Brooklyn, NY

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Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750