

Merit

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

Bennett Heat Treating & Brazing Co

*690 Ferry St
Newark, NJ 07105
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: 3071199103
Expiration Date: 31 May 2022
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

Bennett Heat Treating & Brazing Co
690 Ferry St
Newark, NJ 07105

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

(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 – Customer Specs

Aluminum Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other – Aluminum Alloys from –2

Beryllium Copper – Industry Specs – Check any applicable boxes

Beryllium/Copper– Customer Specs

Brazing – AC7102/1 must also be selected

Carburizing – AC7102/3 must also be selected

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

Nickel and Cobalt Alloys– Customer Specs

Nitriding – AC7102/4 must also be selected

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

AC7102S Rev J - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/after 31 May 2020)

U18 United Technologies Corp. – Hamilton Sundstrand
U3 Rolls–Royce

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

Induction Brazing – AC7110/1 must also be selected
Torch Brazing – AC7110/1 must also be selected – Check any applicable boxes
Industry Spec – Other

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

Carbonitriding – Industry Specs – Check any applicable boxes
Industry Spec – Other
Carburizing – Customer Specs
Carburizing – Industry Specs – Check any applicable boxes
Industry Spec – Other

AC7102/4 Rev D - Nadcap Audit Criteria for Heat Treating - Gas, Ion/ Plasma and/or Salt Bath Nitriding (to be used on audits on/after 6 August 2017)

Nitriding – Customer Specs
Nitriding – Industry Specs – Check any applicable boxes

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 – Industry Specs – Check any applicable boxes

Industry Spec – Other
Hardness – Brinell – Check any applicable boxes
Hardness – Portable – Check any applicable boxes
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

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

Baseline (All audits)
Induction (Additional requirements)
Industry Spec – Other
Processes using Flux – (Additional requirements)
Torch (Additional requirements)