

Merit

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

Braddock Metallurgical Inc

*14600 Duval PI W
Jacksonville, FL 32218-2475
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: 4776194639
Expiration Date: 31 July 2021
Accreditation Length: 18 Months

Michael J. Hayward
Vice President and Chief Operating Officer

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SCOPE OF ACCREDITATION

Heat Treating

Braddock Metallurgical Inc
14600 Duval Pl W
Jacksonville, FL 32218-2475

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

(L1) Microindentation (Interior)

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

Industry Spec – Other L5

(L6) Near Surface Examinations – Nitriding

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– Customer Specs

Carburizing – AC7102/3 must also be selected

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

Industry Spec – Other

Nickel and Cobalt Alloys– Customer Specs

Nitriding – AC7102/4 must also be selected

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

Industry Spec – Other

Stainless Steels, Austenitic– Customer Specs

Stainless Steels, Martensitic – Customer Specs

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

Industry Spec – Other

Stainless Steels, Precipitation Hardening – Customer Specs

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

Industry Spec – Other

Steels – Customer Specs

Steels – Industry Specs – Check any applicable boxes

Industry Spec – Other

Stress Relieve – Customer Specs

Stress Relieve – Industry Specs – Check any applicable boxes

Industry Spec – Other

Titanium Alloys – Customer Specs

Titanium Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other

Vacuum Heat Treating – Customer Specs

Vacuum Heat Treating – Industry Specs – Check any applicable boxes

Industry Spec – Other

AC7102S Rev I - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on after 7 April 2019)

U18 United Technologies Corp. – Hamilton Sundstrand

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

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

Carbonitriding – Customer Specs

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

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 – Rockwell – Check any applicable boxes

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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