



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

Braddock Metallurgical Inc.

*123 Chimney Rock Road
Bridgewater, NJ 08807
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: 7393169475
Expiration Date: 31 July 2019

Joseph G. Pinto
Executive Vice President and Chief Operating Officer



SCOPE OF ACCREDITATION

Heat Treating

Braddock Metallurgical Inc.
123 Chimney Rock Road
Bridgewater, NJ 08807

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

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

Industry Spec – Other L5

(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 on/after 4 December 2016)

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

Carburizing – AC7102/3 must also be selected

Copper Alloys – 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

Nitriding – AC7102/4 must also be selected

Stainless Steels – Customer Specs

Stainless Steels – Industry Specs – Check any applicable boxes

Industry Spec – Other Stainless Steels

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
Titanium Alloys – Customer Specs
Titanium Alloys – Industry Specs – Check any applicable boxes
Industry Spec – Other Titanium Alloys
Vacuum Heat Treating – Customer Specs
Vacuum Heat Treating – Industry Specs – Check any applicable boxes
Industry Spec – Other Vacuum Heat Treating

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

U00 None

AC7102/2 Rev C - Nadcap Audit Criteria for Aluminum Heat Treating

Aluminum Alloys – Industry Specs – Check any applicable boxes

AC7102/3 Rev D - Nadcap Audit Criteria for 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 C - Nadcap Audit Criteria Gas and/or Ion Nitriding (to be used on audits before 6 August 2017)

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

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

Conductivity – Check any applicable boxes
Hardness – Rockwell – Check any applicable boxes
Industry Spec – Other

AC7102/8 - Nadcap Audit Criteria for Pyrometry

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750