



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: 4776162645
Expiration Date: 31 January 2018

*Joseph G. Pinto
Executive Vice President and Chief Operating Officer*



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 E - Nadcap Audit Criteria for Materials Testing Laboratories - Metallography and Microindentation Hardness (to be used on audits before 14 August 2016)

(L1) Microindentation (Interior)

(L10) Near Surface Examinations – Carburization / Decarburization

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

Industry Spec – Other L5

(L5X) Near Surface Examinations – Microindentation (Surface) (Chord Method ARP 1820)

(L6) Near Surface Examinations – Nitriding

AC7102 Rev H - Nadcap Audit Criteria for Heat Treating (AC7102/S and AC7102/8 must also be selected)

Aluminum Alloys – AC7102/2 must also be selected

Beryllium Copper – Industry Specs

Industry Spec – Other

Beryllium/Copper – Customer Specs

Carburizing – AC7102/3 must also be selected

Nickel and Cobalt Alloys – Industry Specs

Industry Spec – Other

Nickel and Cobalt Alloys – Customer Specs

Nitriding – AC7102/4 must also be selected

Stainless Steels – Customer Specs

Stainless Steels – Industry Specs

Industry Spec – Other

Stainless Steels, Martensitic – Customer Specs

Stainless Steels, Martensitic – Industry Specs

Industry Spec – Other
Stainless Steels, Precipitation Hardening – Customer Specs
Stainless Steels, Precipitation Hardening – Industry Specs
Industry Spec – Other
Steels – Customer Specs
Steels – Industry Specs
Industry Spec – Other
Stress Relieve – Customer Specs
Stress Relieve – Industry Specs
Industry Spec – Other
Titanium Alloys – Customer Specs
Titanium Alloys – Industry Specs
Industry Spec – Other
Vacuum Heat Treating – Customer Specs
Vacuum Heat Treating – Industry Specs
Industry Spec – Other

AC7102S Rev F - Nadcap Supplemental Audit Criteria for Heat Treating

U18 United Technologies Corp. – Hamilton Sundstrand

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

Aluminum Alloys – Customer Specs
Aluminum Alloys – Industry Specs
Industry Spec – Other

AC7102/3 Rev C - Nadcap Audit Criteria for Carburizing (to be used on audits before 10 July 2016)

Carbonitriding – Customer Specs
Carbonitriding – Industry Specs
Industry Spec – Other
Carburizing – Customer Specs
Carburizing – Industry Specs
Industry Spec – Other

AC7102/4 Rev C - Nadcap Audit Criteria Gas and/or Ion Nitriding

Ferritic Nitrocarburizing – Customer Specs
Ferritic Nitrocarburizing – Industry Specs
Industry Spec – Other
Nitriding – Customer Specs
Nitriding – Industry Specs
Industry Spec – Other

AC7102/5 Rev C - Nadcap Audit Criteria for Hardness and/or Conductivity Testing for Heat Treating

Conductivity

Hardness – Portable

Hardness – Rockwell

Industry Spec – Other

AC7102/8 - Nadcap Audit Criteria for Pyrometry

Pyrometry – Customer Specs

Pyrometry – Industry Specs

AMS 2750