



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

Carpenter - Hartsville Operations

*205 Talley Metal Lane
McBee, SC 29101
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: 5909174992
Expiration Date: 30 April 2019

Joseph G. Pinto
Executive Vice President and Chief Operating Officer



SCOPE OF ACCREDITATION

Heat Treating

Carpenter - Hartsville Operations
205 Talley Metal Lane
McBee, SC 29101

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 Test Laboratories – Mechanical Testing
(to be used on audits on/after 4 December 2016)

(A) Room Temperature Tensile – Check any applicable boxes

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

(L11) Grain Size

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)

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 – 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

AC7102S Rev G - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits

on/after 16 April, 2017)

U00 None

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

Hardness – Brinell – Check any applicable boxes

Hardness – Rockwell – Check any applicable boxes

AC7102/8 - Nadcap Audit Criteria for Pyrometry

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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