



## SCOPE OF ACCREDITATION

### Heat Treating

#### Specialty Steel Treating

34501 Commerce Dr  
Fraser, MI 48026-1692

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: [www.eAuditNet.com](http://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 D - Nadcap Audit Criteria for Materials Testing Laboratories - Metallography and Microindentation Hardness (to be used before 30 November 2014)**

(L) Metallography (General)

ASTM E 112

ASTM E 3

ASTM E 407

(L1) Microindentation (Interior)

ASTM E 384 (L1)

(L10) Near Surface Examinations – Carburization

(L5) Near Surface Examinations – Microindentation (Surface)

ASTM E 384 (L5)

Industry Spec – Other (L5)

(L6) Near Surface Examinations – Nitriding

(L7) Near Surface Examinations – IGA, IGO

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

Carburizing – AC7102/3 must also be selected

Nickel and Cobalt Alloys – Industry Specs

AMS 2774

Industry Spec – Other

Nickel and Cobalt Alloys – Customer Specs

Nitriding – AC7102/4 must also be selected

Pyrometry – AC7102/8 must also be selected

Stainless Steels – Customer Specs

Stainless Steels – Industry Specs

AMS 2759/4

AMS–H–6875 stainless steels

Industry Spec – Other

Stainless Steels, Martensitic – Customer Specs

Stainless Steels, Martensitic – Industry Specs

AMS 2759/5

AMS–H–6875 stainless steels martensitic

Industry Spec – Other

Stainless Steels, Precipitation Hardening – Customer Specs

Stainless Steels, Precipitation Hardening – Industry Specs

AMS 2759/3

Industry Spec – Other

Steels – Customer Specs

Steels – Industry Specs

AMS 2759/1

AMS 2759/2

Industry Spec – Other

Vacuum Heat Treating – Customer Specs

Vacuum Heat Treating – Industry Specs

AMS 2769

Industry Spec – Other

**AC7102S Rev E - Nadcap Supplemental Audit Criteria for Heat Treating**

U11 The Boeing Company

U18 United Technologies Corp. – Hamilton Sundstrand

U3 Rolls–Royce PLC

**AC7102/3 Rev C - Nadcap Audit Criteria for Carburizing**

Carbonitriding – Customer Specs

Carburizing – Customer Specs

Carburizing – Industry Specs

AMS 2759/7

Vacuum Carburizing – Customer Specs

Vacuum Carburizing – Industry Specs

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

Nitriding – Customer Specs

Nitriding – Industry Specs

AMS 2759/10

AMS 2759/6

Industry Spec – Other

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

Hardness – Portable

ASTM E 110

Hardness – Rockwell

ASTM E 18

**AC7102/8 - Nadcap Audit Criteria for Pyrometry (to be used ON/AFTER 11 May, 2014)**

Pyrometry – Customer Specs

Pyrometry – Industry Specs

AMS 2750