



## SCOPE OF ACCREDITATION

### Heat Treating

**Vac Aero International**  
7450 Verite St  
St Laurent, QC H4S 1C5  
Canada

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 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)

Industry Spec – Other L1

(L10) Near Surface Examinations – Carburization/Decarburization

(L2) Near Surface Examinations – Alloy Depletion

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

Industry Spec – Other L5

(L5X) Near Surface Examinations – Microindentation (Surface) (Chord Method ARP1820)

(L6) Near Surface Examinations – Nitriding

(L7) Near Surface Examinations – IGA, IGO

(L8) Near Surface Examinations – Alpha Case: Wrought Titanium

#### **AC7102 Rev H - Nadcap Audit Criteria for Heat Treating (AC7102/S and AC7102/8 must also be selected) (to be used on audits before 4 December 2016)**

Aluminum Alloys – AC7102/2 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 F - Nadcap Supplemental Audit Criteria for Heat Treating**

U11 The Boeing Company  
U13 Bombardier, Inc.  
U14 SAFRAN Group  
U3 Rolls–Royce PLC

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

Aluminum Alloys – Customer Specs  
Aluminum Alloys – Industry Specs – Check any applicable boxes  
    Industry Spec – Other

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

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**

Conductivity – Check any applicable boxes  
    Industry Spec – Other  
Conductivity – Customer Specs  
Hardness – Portable – Check any applicable boxes  
Hardness – Rockwell – Check any applicable boxes

Industry Spec – Other

**AC7102/8 - Nadcap Audit Criteria for Pyrometry**

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750