

VAC AERO International Inc.

1371 Speers Road Oakville, Ontario, L9A 3Z9
Phone (905) 827-4171; Fax :(905) 825-8303

VAC AERO International QUALITY ASSURANCE QUESTIONS AND ANSWERS

Section 1

Company Name: VAC AERO International Inc.- Oakville Division
1371 Speers Road
Oakville, Ontario, Canada L6L 2X5
Phone: (9905) 827-4171
Fax: Main (905) 827-4171, Thermal Processing (905) 825-8303

Product/Service: Heat Treating, Furnace Brazing and Fusion Welding

Contacts: President Scott Rush
Vice President Greg Salai
Quality Assurance Manager Jose Fuentes
Manager of Administration & Customer Service Animesh Talukdar
General Manager Brent Rosart

Information: Number of Employees Approx. 60
Number of Q.A. Personnel 2
Number of Inspection Personnel 8
Facility Square Footage 75000 (Three Buildings)

Section 2

VAC AERO International Inc. is an AS 9100 / ISO 9001 and Nadcap accredited heat-treating facility. We have included for your records, our AS/ISO, Nadcap, and Controlled Goods Program Certificates. Our Quality Assurance Manual is available to you only upon request.

Our Quality System is based on **“Continuous Improvement of Key Work Processes Focused on Customer Expectations”**

Our Quality Program addresses the following:

Contract Review	Document Control
Quality Records	Control of Inspection & Test Equipment
Purchasing	Control of Non-conforming Product
Production and Test Plans	Corrective /Preventive Actions
Incoming Inspection	Control of Customer Supplied Product
Final Inspection	Product Traceability
Internal Quality System Audits	Storage & Handling
Personnel Training	

If you require any further information pertaining to your survey, please do not hesitate to contact me.

Yours truly,

Jose Fuentes
Quality Assurance Manager



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

Vac Aero International

1371 Speers Rd
Oakville, ON L6L 2X5
Canada

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:

Welding

Michael J. Hayward
Vice President and Chief Operating Officer

Certificate Number: 3420183682
Expiration Date: 31 July 2021

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527



SCOPE OF ACCREDITATION

Welding

Vac Aero International
1371 Speers Rd
Oakville, ON L6L 2X5
Canada

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:

AC7110 Rev F - Nadcap Audit Criteria for Welding/ Torch and Induction Brazing and Additive Manufacturing (This is required for all Welding / Torch and Induction Brazing and Additive Manufacturing audits) (to be used on audits on/after 30 April 2017)

AC7110/5 Rev I - Nadcap Audit Criteria for Fusion Welding (to be used on audits on/after 6 Jan 2019)

Baseline (All audits)

Supplement C – Automatic / Semi-automatic (Additional requirements)

Supplement F – Filler Materials (Additional requirements)

Supplement G – Processes using Gas (For example GTAW, PAW) (Additional requirements)

Supplement H – Pre/Interpass Heat Treatment (Additional requirements)

Supplement J – Tack Welding (Additional requirements)

Supplement K – Metallographic Evaluation of Qualification Welds (Additional requirements)

AC7110/5S Rev E - Nadcap Supplemental Audit Criteria for Fusion Welding (to be used audits before 5 May 2019)

U00 None

AC7110/12 Rev F - Nadcap Audit Criteria for Welder/Welding Operator Qualification (This checklist is required if the audit includes AC7110/3, /5 or /6)

Baseline (All audits)

Supplement A – Metallographic Evaluation of Qualification Welds (Additional requirements)

AC7110/12S Rev H - Nadcap Supplemental Audit Criteria for Welder/Welding Operator

Vac Aero International
Oakville, ON Canada

#2

Qualification (This checklist is required if the audit includes AC7110/3, /5 or /6) (to be used on audits on/after 4 September, 2016)

U00 None

Merit



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

Vac Aero International

*1371 Speers Rd
Oakville, ON L6L 2X5
Canada*

This certificate demonstrates performance 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

Michael J. Hayward
Vice President and Chief Operating Officer

Certificate Number: 3420190411
Expiration Date: 31 October 2021
Accreditation Length: 24 Months

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

Merit

Merit



SCOPE OF ACCREDITATION

Heat Treating

Vac Aero International
1371 Speers Rd
Oakville, ON L6L 2X5
Canada

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 Testing 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

(L1) Microindentation (Interior)

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

(L7) Near Surface Examinations – IGA, IGO

AC7102 Rev J - Nadcap Audit Criteria for Heat Treating Baseline (AC7102/S and AC7102/8 must also be selected) (to be used on audits on/after 3 December 2017)

Brazing – AC7102/1 must also be selected

Nickel and Cobalt Alloys– Customer Specs

Stainless Steels, Austenitic– Customer Specs

Stainless Steels, Martensitic – Customer Specs

Stainless Steels, Martensitic – Industry Specs – Check any applicable boxes

Stainless Steels, Precipitation Hardening – Customer Specs

Stainless Steels, Precipitation Hardening – Industry Specs – Check any applicable boxes

Steels – Customer Specs

Steels – Industry Specs – Check any applicable boxes

Stress Relieve – Customer Specs

Stress Relieve – Industry Specs – Check any applicable boxes
Titanium Alloys – Customer Specs
Titanium Alloys – Industry Specs – Check any applicable boxes
Vacuum Heat Treating – Customer Specs
Vacuum Heat Treating – Industry Specs – Check any applicable boxes

AC7102S Rev I - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on after 7 April 2019)

U11 The Boeing Company
U13 Bombardier, Inc.
U14 SAFRAN Group

AC7102/1 Rev F - Nadcap Audit Criteria for Heat Treating - Brazing (to be used on audits on/after 10 July 2016)

Atmosphere Brazing – Customer
Atmosphere Brazing – Industry Specs – Check any applicable boxes
 Industry Spec – Other
Vacuum Brazing – Customer Specs
Vacuum Brazing – Industry Specs – Check any applicable boxes
 Industry Spec – Other

AC7102/5 Rev E - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on on/after 5 May 2019)

Hardness – Portable – Check any applicable boxes
Hardness – Rockwell – Check any applicable boxes

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Pyrometry – Customer Specs
Pyrometry – Industry Specs – Check any applicable boxes
 AMS2750

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

VAC AERO International Inc.

Main Site: 1371 Speers Road, Oakville, ON L6L 2X5, Canada

Additional Site 1: Suite 402, 5515 North Service Road, Burlington, ON L7L 6G4,
Canada

Additional Site 2: 1339 Speers Road, Oakville, ON L6L 2X5 Canada

has been audited and registered by Intertek as meeting the requirements of the
standards:

AS9100:D and ISO 9001:2015

The management system is applicable to:

Campus Site Structure

Main Site Scope: Heat treating services to the aerospace industry.

Additional Site 1 Scope: Finance and Purchasing.

Additional Site 2 Scope: Shipping and Receiving, Cleaning and Laboratory Analysis.

Certificate Number

US-2439-07

Initial Certification Date

10 May 2007

Certificate Issue Date

10 May 2019

Certificate Reissue Date

Certificate Expiry Date

09 May 2022



Intertek



Calin Moldovean

President, Business Assurance

Intertek Testing Services NA, Inc. dba Intertek
4700 Broadmoor Avenue S.E.,
Kentwood, MI, USA





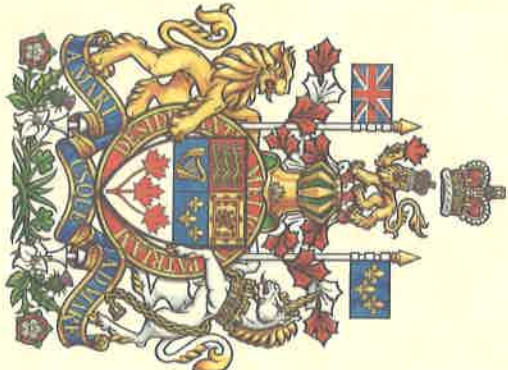
Travaux publics et
Services gouvernementaux
Canada

Public Works and
Government Services
Canada



Programme des
marchandises contrôlées

Controlled Goods
Program



Certificat d'inscription accordé à VAC AERO INTERNATIONAL INC. carrying on business as / exerçant ses activités sous le nom of Registration issued to Certificate

Le présent certificat confirme votre inscription au Programme des
marchandises contrôlées. Votre inscription est assujettie à des
conditions réglementaires et aux conditions énoncées par le ministre
dans le document "Conditions de l'inscription".

This certificate confirms your registration with the Controlled Goods
Program subject to conditions prescribed by regulations and any
other conditions set out by the Minister in the "Conditions of
Registration" document.



N° de certificat / Certificate No. 108117
Entrée en vigueur / Issued 2016/02/12
Date d'expiration / Expires 2021/01/27

Émis par le ministre en vertu de la
Loi sur la production de défense
Issued by the Minister pursuant to
the Defence Production Act

Gestionnaire / Manager

