Pratt & Whitney Canada Corp. 1000 Marie-Victorin Longueuil, Quebec, Canada J4G 1A1 (450) 677-9411



Direct Line: (450) 647-7205 Fax Line: (450) 647-9633

February 28, 2014

Rolled Alloys Fairfield 4085 Thunderbird Lane Fairfield, OH 45014 USA S/C: 800817

Attention: Mr. Adam Schwartz - Quality Manager

AMENDED QUALIFICATION STATUS

Dear Sirs:

Pratt & Whitney Canada has qualified you for the following process:

Metal Removal by Non Mechanical Methods (LBMR)

CPW 350 on Martensitic Stainless Steel (Group 2)*
CPW 350 on Austenitic Stainless Steel (Group 3)*
CPW 350 on Cobalt & Nickel Base Alloys (Group 4)*
CPW 350 on Titanium & Titanium Base Alloys (Group 6)*
(Controlling Document FC-43)

*This qualification has been issued based on your current qualification to Pratt & Whitney Specification PWA 119.

FC and YC sections of the P&WC Material Control Laboratory Manual establish controls for chemical and metallurgical processing performed by P&WC qualified sources. Compliance with these controls and applicable specifications is necessary for continued qualification.

Continuance of the qualification also depends on maintaining facilities, procedures, and controls to P&WC standards, as determined by our periodic surveys and on our routine testing of your product. Qualifications for materials and processes not used on P&WC parts for one year may be discontinued at the discretion of P&WC.

This letter supersedes all previous qualification letters.

<u>Please advise David Lobo by fax (450) 647-9633 of any changes in personnel, address or required updates to qualification status.</u>

Yours truly,

PRATT & WHITNEY CANADA CORP.,

David Lobo (01Al3)

Metallurgist

Supplier Metallurgical Development

Materials Technology, Engineering & Quality

Cc.:

S. Brown

D. Yu

F. Laborde