

Pratt & Whitney Canada Corp.  
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**Pratt & Whitney Canada**

A United Technologies Company

Direct Line: (450) 647-6934  
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December 17, 2020

Stack HIP  
4322 Marion St. SE  
Albany, OR 97322  
U.S.A.

S/C 800863

Attention: Robert Lewis, Quality Manager

Dear Sir:

Pratt & Whitney Canada has now qualified **Stack HIP** for the following process based on the similarity to PWA 4 qualification:

**Hot Isostatic Pressing of Castings**                      **CPW 453 (Titanium base alloy only)**  
**(Controlling Document F-40)**

F 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.

**Please notify Supplier Metallurgical Development Supervisor or the undersigned of any changes in personnel, address or required updates to qualification status.**

Yours truly,

PRATT & WHITNEY CANADA INC.,

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**Jun Lu** (☒ 01A13)  
Metallurgical Specialist  
Supplier Metallurgical Development  
Materials Technology & Quality

cc Francois-Simon Gauthier  
Peter Simos (PWA)