

## Pratt & Whitney Canada (P&WC) Supplier Quality Agreement

1. Flow Down Requirements—To assure conformance to all Purchase Order requirements, supplier shall adhere to requirements and flow down to supplier's sub tier sources, when such sources are used by supplier for procurement of products for Jamaica Bearings Co., Inc.
2. Quality System Approval—The supplier shall, as a minimum, maintain an accredited 3<sup>rd</sup> party registration to AS9100.
3. Requirements—United Technologies quality requirements document ASQR-01 (latest revision) & all other documents referenced therein apply to all orders. Pratt & Whitney Canada quality requirement document SQOP 01-01 (latest revision) & all other documents referenced therein apply to all orders.
4. Traceability—Seller shall provide a Certificate of Conformance, with Jamaica Bearings Co., Inc. purchase order clearly noted on it, with each shipment. Seller must ensure that all certifications (Mfg. Certificate of Conformance, Test Reports, Process Certs, Raw Material, FAI, etc.) for a part is traceable to one another by either a lot number, date code, heat number, job or work order number or material P.O. number. Changes or amendments to any certification paperwork must identify the authorizing party via signature, initial, stamp or any other similar method along with amendment date.
- 4a. Specification Controls for all Auxiliary Power Unit Systems (APS) products — For parts where P&WC is the current Designated Design Activity, the Supplier must apply the requirements of P&WC CPW 2000.
- 4b. Parts with Serialization Requirements – For parts where P&WC is the current Designated Design Activity, parts requiring Serialization shall comply with the applicable drawing and specifications in conjunction with applying P&WC CPW 2000 and P&WC serialization requirements in accordance with CPW920 and SQOP 01-06 PMTS.
- 4c. All SFI Class 1 and/or Class 2 changes (applicable to SFI drawings, BOMs, and ATPs) require submittal and approval via P&WC Form 10890 prior to implementation.
5. Multiple Lots—Multiple lots shall be bagged/boxed/handled separately and identified. No commingling of lots is allowed under any condition.
6. Packaging—Packaging shall conform to the requirements of the drawing, CPW 40 (latest revision), and the P&WC Supplier Interactive Packaging Instructions (SIPI). The SIPI, which includes the Preservation Method and Material, the Polybag material and thickness, box size, and dunnage requirements, will be flowed-down if direct P&WC portal access is not available. No newspaper, loose packing material small enough to block internal passages, holes and crevices or parts, and/or glue bearing material shall be used in the packaging of products. Metallic devices (staples, paper clips, etc.) shall not be used to close envelopes or bags; they shall be heat-sealed whenever possible in accordance with the SIPI requirements. All unit packaging shall bear no supplier markings or identification (e.g. logos, stamps or printed tape).
7. Calibration—Tools and equipment used in final acceptance of manufactured product shall be calibrated in accordance with ISO 10012, ISO 17025 or ANSI/NCSS Z540.3 (latest revision).
8. Statistical Process Control (SPC)—The Seller shall use applicable SPC per ASQR-20.1 (latest revision).
9. Foreign Object Debris (FOD)—Seller (or seller's sub tier sources) shall establish, document and maintain a program control to eliminate Foreign Object Debris (FOD).
10. Revision Levels - All material furnished to Jamaica Bearings Co., Inc. by the seller and its suppliers must be manufactured to and/or meet the most current revision level(s) of the applicable part drawing(s) standard(s) and associated specifications at the time the purchase order was issued, unless otherwise specified.
11. First Article—First Article Inspection Reports shall be performed in accordance with SAE AS9102 and additional requirements detailed in ASQR-01 (latest revision). The Supplier must have an approved first article inspection report (FAIR) on file to the current drawing revision. A First article shall be required on the first production run per the requirements of AS9102 & ASQR-01 (latest revision). A FAIR is also required for all additional revisions due to engineering, design and/or specification change(s). A FAIR is also required for all additional revisions due to engineering, design and/or specification change(s). Certain products require the Supplier to have a PW-QA approved representative sign off on the FAIR. The part numbers requiring the sign off requirement will be flowed down to the supplier by Jamaica Bearings on their Purchase Order. The Supplier must notify the JBC Quality Manager and PW-QA prior to the shipment of the product. The FAIR document retention period is for the manufacturing period of the product plus the additional retention requirements per ASQR-01.
12. Inspection Required—Use ASQR-20.1 (latest revision) for the determination of sampling inspection criteria, characteristic classification and applicable AQL Levels and sample sizes.
- 12a. UTC Production Part Approval Process (UPPAP) - Suppliers shall implement the UTC Production Part Approval Process per the requirements contained in ASQR-09.2 (latest revision) when involved by drawing related documents, purchase order, or any other contractual requirement.
- 12b. Process Control—Supplier shall implement Process Control per the requirements contained in UTCQR-09.1 (latest revision).
13. Special Processes Approval—Special processes shall be performed by sources that are accredited by the National Aerospace and Defense Contractors Accreditation Program (NADCAP). This requirement applies whether the process is performed by the Seller or by Seller's sub tier sources. Special Processors must also be listed on the P&W APU Source Qualification List (current revision) for all Controlled Special Processes requiring P&W approval.



14. **Supplier Markings**—Supplier shall mark the product in accordance with the drawing and specification(s) noted on the drawing. For parts where P&WC is the current Designated Design Activity, the Supplier must also apply the requirements of P&WC CPW 2000 to comply with current P&WC part identification and marking methods.
15. **Certification**—The supplier shall have the following certification(s) on file and available for the finished product Shipped including but not limited to: Manufacturers Certificate of Conformance, Raw Material Certification, Test Reports and Process Certifications. Applicable specification and part revision level must be present on certification and test reports.
16. **Supplier to Supplier**—Manufacturer Releases to Jamaica Bearings Co., Inc. shall be completed by the Manufacturers PWC DQR's and shall utilize Form UTAS-FRM-0034-00. The completed UTAS-FRM-0034-00 is to be sent with the parts being shipped with all appropriate Certifications and information required by Jamaica Bearings Co., Inc. This information shall be handled as a Quality Record and be retained per ASQR-01 requirements. If Supplier has no active PWC DQR's, a Certified AS13001 DPRV individual shall be utilized to complete Form UTAS-FRM-0034-00 Supplier to Supplier transfer when releasing product to Jamaica Bearings.
17. **DFARS**—The supplier shall, produce product to DFARS 252-225-7009 (“Restriction on Acquisition of Certain Articles Containing Specialty Metals”) & DFARS 252-225-7016 (“Restriction on Acquisition of Ball and Roller Bearings”) when flowed down by Jamaica Bearings.