

McWILLIAMS FORGE COMPANY
ROCKAWAY, NEW JERSEYQUALITY CONTROL PROCEDURE .130

TITLE: Purchase Order Administrative and Quality Requirements

INSTRUCTIONS:

(Notes 1-9 and 28-29 apply to all orders)

- * 1. The following requirements from AS9100 applies to all orders:

Seller shall make available to McWilliams Forge, its customers and regulatory authorities, access to all facilities involved in this order and all applicable quality records.

The supplier shall maintain a quality management system compliant with ISO9001 or AS9100 latest revision, as applicable.

Unless otherwise specified on the purchase order or contract, records shall be retained for a minimum of 7 years unless otherwise stated in the purchasing documents after delivery or service fulfillment of the order.

Seller shall communicate within their organization to ensure personnel are aware of their contribution to product or service conformity, product safety, and the importance of ethical behavior. McWilliams encourages our suppliers to work with the knowledge of the importance of product and service conformity, product safety, and ethical behavior to meet customer requirements with minimal quality and safety issues.

Seller shall maintain a Foreign Object Damage/Foreign Object Debris (FOD) prevention program. For additional information, refer to National Aerospace Standard NAS 412 "Foreign Object Damage/Foreign Object Debris (FOD) Prevention".

Formal counterfeit part prevention system in accordance with AS6174 required.

The supplier shall immediately notify McWilliams Forge and obtain approval for any of the following conditions:

- a. Suspected shipment of nonconforming product.
- b. Suspected problems or changes with material, manufacturing, processing, inspection or test which may affect product conformity, safety or customer satisfaction.
- c. Significant changes to supplier's quality management personnel, location or ownership.

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2. Partial shipments will not be accepted without prior notification. McWilliams Forge reserves the right to reject shipment if not notified of the partial shipment.
3. Calibration requirements of ISO10012, ISO 17025, ANSI Z540 or applicable standards specified on the purchase order apply to this order.
4. Fraud or falsification requirements apply to this order:

“The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal statutes including Federal Law Title 18, Chapter 47.”

5. The following statement must appear on all test reports submitted to McWilliams Forge Co. pertaining to this purchase order:

“Material supplied or processed on this purchase order has not come in direct contact with mercury or any of its compounds nor with any mercury containing device employing a single boundary of containment.”

6. Vendor must comply with all State and Federal regulations including, but not limited to OSHA.
7. If any work is to be performed on site at McWilliams Forge, insurance certificates must be submitted before work is performed.
8. All costs in excess of purchase order requirements must have prior written approval by McWilliams Forge.
9. Supplier will adhere to the directions provided in Executive Order (EO) 13224, Executive Order on Terrorist Financing – blocking property and prohibiting transactions with persons who commit, threaten to commit, or support terrorism, effective 09/24/2001 and any subsequent changes made to it. Supplier further agrees to include this requirement in lower-tier purchase orders or subcontracts hereunder. To view the contents of the EO, please access the following website:

<http://www.state.gov/j/ct/rls/other/des/122570.htm>

Non-discrimination – The provisions of Paragraph 1-7 of Executive Order 11246 as amended, Section 503 of the Vocational Rehabilitation Act of 1973, and Section 2012 of the Vietnam Era Veterans Readjustment Assistance Act of 1974, and the Jobs for Veterans Act, “Equal Employment Opportunity”, relating to nondiscrimination in the performance of U.S. government contracts apply to all purchase orders.

(Notes 10-12 apply to RAW MATERIAL ORDERS)

10. Material supplied is to be upset forging quality.

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11. A complete set of certifications must be submitted for McWilliams Forge review and approval prior to the shipment of raw material. Original certification package is to be included with the actual shipment when released. Duplicate copies of complete chemical and physical test reports as required by the material specification are required with each shipment.
Raw material must be supplied to the revision noted on Purchase Order or latest. It is incumbent upon the supplier to upgrade older material certifications to the latest revision prior to certification submission. If not possible to upgrade, supplier must notify McWilliams Forge Purchasing department in writing at time of certification submission.
12. No shipments will be accepted without proper identification of Heat Number, and Ingot Number when applicable. All bars up to 3.00" diameter must be tagged with the proper identification numbers. All bars over 3.00" diameter and all RCS billets must be steel stamped with the proper identification numbers.

(Notes 13 & 14 apply to COMMERCIAL NUCLEAR ORDERS MATERIAL & SERVICES)

13. The quality requirements of NCA-3800 apply to this order.
14. The requirements of 10CFR21 apply to this order.

(Notes 15-18 apply to all SUBCONTRACTED SERVICES)

15. On all certifications submitted to McWilliams Forge, the complete part number including revision level, McWilliams Forge work order number, and each heat code listed with its respective quantity shall be referenced as a minimum.
16. Special handling and packaging:

Machined forgings shall be wrapped and packages in a manner to adequately prevent any damage in shipment and handling.
17. Serialization and/or heat code traceability must be maintained on each forging and kept separate when returned.
18. Vendor responsible for 100% yield. Account will be debited for the processing cost of all scrapped parts. Scrapped pieces must be returned to McWilliams Forge.

(Note 19 applies to MACHINING SUPPLIERS ONLY)

19. There is a first article dimensional inspection requirement on this order. McWilliams Forge is to be notified when ONE (1) or TWO (2) forgings have been completely machined and ready for submittal for approval. Shipping instructions will be provided at that time.

(Note 20 applies to HEAT TREAT SUPPLIERS ONLY)

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20. Heat treat charts are required.

(Notes 21 & 22 apply to TOOLING ORDERS ONLY)

21. Certifications must include tempering temperatures in addition to standard data.
22. Lifting holes 1-5/16" diameter x 3.00" deep are to be drilled on FOUR (4) sides, in the middle of each of the FOUR (4) sides.

Grain flow arrows ←-----→ must be stamped on each die.

(Note 23 applies to ROLLS ROYCE PRODUCT ONLY)

23. Raw material and special processing services shall be provided by Rolls Royce approved suppliers per MLC 101 and the RRC Approved Supplier Report, respectively. Sub-tier suppliers to McWilliams Forge providing raw material or performing special processing shall adhere to Rolls Royce Corporation **BUSINESS REQUIREMENTS** located at: <https://suppliers.rolls-royce.com/>

(click "Supplier Documents" link)

(Note 24 applies to HONEYWELL ENGINES, SYSTEMS & SERVICES ONLY)

24. Raw material and special processing services shall be provided by Honeywell approved suppliers appearing on the latest revision of the Approved Processing Source List (APSL) located on the Honeywell ES&S website. Additionally, Honeywell Supplemental Purchase Order Condition (SPOC) 002 applies to this order. To access these requirements contact McWilliams Forge Quality Engineering department to schedule an on site visit at your facility with a Honeywell representative.

(Note 25 applies to LOCKHEED MARTIN AERONAUTICS COMPANY Product Only)

25. Processing to be accomplished in performance of this purchase order is directly related to a Lockheed Martin Aeronautics Company purchase order and must be accomplished in accordance with process specification(s) on this purchase order and the revision in effect as the date of this PO Lockheed Martin Aeronautics Company Appendix QJ/QX. All the requirements of such Appendix QJ/QX shall be accomplished.

Note: Appendix QJ is located at

http://www.lockheedmartin.com/us/aeronautics/materialmanagement/scm-quality/scm-quality_qualityappendices.html

(Note 26 applies to UTC Member Companies product and services only)

26. Product or product related services contracted on this order is for a UTC Member end user. Compliance to QMS and ASQR-01 is required from the supplier and any sub-tier suppliers in fulfillment of this order. The supplier shall be responsible for assuring the

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latest revision of these documents are kept up to date. Access to these documents can be found at the following UTC website:

<http://www.utc.com/Suppliers/Pages/Aerospace-Supplier-Quality-Requirement-Documents.aspx>

(Note 27 applies to Williams International product and services only)

27. Product or product related services contracted on this purchase order is directly related to a Williams International purchase order. Compliance to QC-397 is required from the supplier and any sub-tier suppliers in fulfillment of this order. The supplier shall be responsible for assuring the latest revision of these documents are kept up to date. Access to these documents can be found at the following Williams International Supplier Portal website:

<https://connect.williams-int.com/supplierportal/login.aspx>

(Notes 28-29 apply to all orders)

28. Precision Castparts Corp., including each PCC subsidiary company, ("PCC") is committed to compliance with all laws and ensuring the safety and proper treatment of all employees, suppliers, contractors, agents and consultants. This commitment is explained in the PCC Code of Conduct available on the PCC Portal here and externally at:

http://www.precast.com/web/user_content/files/code_of_conduct_-_english.pdf

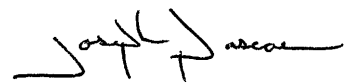
29. Further to that commitment and as a subcontractor subject to the U.S. Government's Federal Acquisition Regulations ("FAR"), PCC undertakes efforts targeted at ensuring compliance with anti-trafficking and forced labor laws in the United States, Europe and at all facilities and sites located around the world. See PCC's "Anti-Trafficking and Forced Labor Compliance Plan" for additional information.

PCC and all PCC Companies are committed to implementing and enforcing effective systems and controls to ensure that modern slavery and human trafficking is not taking place in our own businesses and supply chains. Click the following link for more information:

http://www.precastcorp.com/web/user_content/files/slavery_and_human_trafficking_statement_for_the_financial_year_2015-2016.pdf

PCC prohibits agents and subcontractors at any tier, and at any monetary value, from engaging in trafficking in persons and forced labor. This requirement is expressly included in representative and agent agreements and explained in PCC's Integrity Guide, published at:

http://www.precastcorp.com/web/user_content/files/pcc_supplier_integrity_guide.pdf

Approved: 
Joseph N. Pascoe
Quality Engineering Manager

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****MCWILLIAMS FORGE UNIQUE SPECIFICATION****
QCP.130 APPENDIX A

TITLE: MCWILLIAMS FORGE UNIQUE SPECIFICATION

DATE: April 3, 2018

SPECIFICATION NUMBER AND REVISION NUMBER: QCP.130 APP A DTD 4/3/18

PURPOSE: The purpose of this document is to define unique raw material ordering criteria in addition to standard specification requirements.

SCOPE: This specification covers raw material procurement from The Boeing Raw Material Strategy to support Boeing Commercial Airplanes.

APPLICABLE MATERIAL SPECIFICATIONS: BMS 7-247; BMS 7-269; AMS 4928; AMS 6931; AMS-T-9047

DESCRIPTION: This unique specification requires applicable material specifications listed above to be certified by the mill source as capable of meeting material properties in applicable specifications defined on purchase orders. Mill certifications provided in fulfilment of purchase orders shall have full metallurgical and mechanical capability testing performed per applicable specification requirements. All other purchase order requirements shall remain in full effect.

APPROVED QC: *Joe Pascoe* **DATE:** 4/3/18
Joe Pascoe
Quality Manager