

## **Meggitt Oregon Purchase Order Quality Notes**

Rev. 1/24/2022

### **QP-1 Quality Management System:**

Supplier shall maintain a quality management system that complies with ISO 9001; AS9100; Meggitt Supplier Quality Requirements Document - MPRC-10, or as otherwise approved by Meggitt. Suppliers shall ensure the following - awareness of their personnel to their contribution to product or service conformity; contribution to product safety and the importance of ethical behavior.

### **QP-2 Control of Changes:**

Supplier agrees to not make any change to the product and or process, including location, inspection method, tooling or materials, which could potentially affect the fit, form or function of the part, without prior written approval from Meggitt Oregon.

### **QP-3 Supplier Corrective Action:**

Supplier shall provide a corrective action response on failures of suppliers' hardware or quality system, submitted to Meggitt in an approved corrective action format detailing the root cause, corrective action, verification and follow up within 20 working days. Suppliers shall use problem solving tools (e.g. Fishbone, 5-whys, flow charting, process analysis) to help analyze the root cause escapes.

### **QP-4 Meggitt Source Inspection:**

Meggitt's quality assurance representative may elect to conduct inspection of product at suppliers' facility. Shipments are to be held for buyer inspection unless notification is received prior to, or at time of, material being ready for shipment.

### **QP-5 Shelf Life and Temperature Sensitive Materials:**

The supplier shall identify all materials which have definite characteristics of quality degradation due to age or environment. The supplier shall indicate on the material or container the expiration date and storage conditions required to achieve the stated life. Shelf life items must have at least 75% of their shelf life remaining at time of receipt.

### **QP-6 Identification Traceability:**

Parts and materials shall be identified per the drawing and specification requirements and traceable to all certifications and test reports. Items too small to directly identify may be bagged and tagged.

### **QP-7 Inspection Data:**

The supplier shall furnish legible inspection data sheets that record objective evidence of acceptance for each item covered by the purchase order.

**QP-8 Certificate of Conformance:**

Each shipment shall include one legible copy of a certificate of conformance with the signature of a responsible representative stating materials and processes of the item meet the applicable drawing requirements to provide traceability. The C of C shall contain the latest revision level of the drawing or specification. Supplier must indicate on their certificate of conformance they have met the requirements of Meggitt document MPRC-10.

**QP-9 Material Test Reports:**

Each shipment shall include a legible copy of a supplier certified material test report (CMTR). Test reports shall include the specification number, revision level of the specification, batch and/or lot number. Chemical/physical test reports shall report the actual values obtained for each property tested. Origin source for melting and rolling of metals shall be stated on the CMTR.

**QP-10 Approved Process requirements:**

Special processes shall be performed by Meggitt and / or customer-approved sources or NADCAP approved sources. Sub-tier suppliers must ensure their process sources have these approvals. Certifications of these processes are required with each shipment of material or parts (i.e., heat treat, NDT, chem.-film).

**QP-11 First Article Inspection:**

The supplier shall perform and submit with the first shipment a first article inspection report. The results shall be documented and shall indicate 100% conformance to engineering and drawing requirements and shall be recorded in accordance with AS9102. First articles shall be submitted when the following conditions occur:

- 1) First delivery to Meggitt,
- 2) Change to an existing part affecting fit, form or function, including a change to a computer controlled equipment program,
- 3) Change in a manufacturing source, process, and materials
- 4) When tool rework has been completed
- 5) More than 24 months in production has lapsed
- 6) A natural or man-made occurrence has adversely affected manufacturing
- 7) It is part of a corrective action request

**QP-12 Quality Assurance Records Retention:**

Supplier shall retain manufacturing planning records, certifications and test reports required to assure that the parts, or material, conforms to the technical requirements of the purchase order for a period of 10 years + current year, unless otherwise stated in the purchase order. Supplier must notify Meggitt prior to the destruction of records affecting Meggitt product or materials.

**QP-13 Statistical Process Control:**

The supplier shall collect and maintain data regarding KEY characteristics as defined on the drawing, specification or purchase order. Copies of control charts shall accompany the shipment.

**QP-14 Supplier Audit:**

Meggitt Oregon reserves the right to audit the suppliers' records and quality system as they pertain to this order.

**QP-15 Right of Entry:**

Meggitt Oregon, its customer's and regulatory agencies reserve the right to enter the supplier's facility and their sub-tiers facility, to review records and parts as they pertain to this order.

**QP-16 UTC Purchase Requirement:**

This product will be used for a UTC part number, shipped to a UTC member. The supplier is required to meet the UTC requirements established in ASQR 01, for this purchase order. If purchased item will be used on a P&W Canada part, the PO will state "For P&WC End Use". The supplier is required to record on their certificate of conformance the statement: "For P&WC End Use".

**QP-17 Delegated Source Inspection:**

The product on this purchase order has been approved for delegated inspection at the suppliers' facility on behalf of Meggitt Oregon. Upon completion of the inspection based on the drawing and specification requirements, the supplier's delegated inspector approved by Meggitt shall sign, date and stamp the packslip indicating the inspection is complete and the product is acceptable.

**QP-18 Flow-Down Requirements:**

The supplier will flow down the applicable requirements as stated in the Meggitt purchase order to their sub-tier suppliers, including key characteristics, where required.

**QP-19 Airbus Requirement Flow Down:**

This order is in furtherance of an Airbus, UK order. Meggitt Oregon will require an Airbus approval number and category of approval on certificate of conformance and packing slip. Certification traceability documents from Airbus approved subcontractors are required upon receipt of items and materials.

**QP-20 NQA-1 Quality Program Approval:**

The supplier shall establish and maintain a documented Quality Assurance program in accordance with the provisions of ASME NQA-1 "Quality Assurance Program Requirements for Nuclear Power Plants" 10CFR21 is invoked on this order.

**QP-21 Non-conforming Material:**

If a nonconformance is discovered in a product after the product has shipped to Meggitt, the supplier shall provide written notification to Meggitt within 3 business days. If all of the information is not available at the time of disclosure the supplier will provide the information

they have along with a timeline as to when the remaining information will be available. If the condition is a possible safety of flight issue, submit all information immediately.

Written notification must be completed in accordance with the following information regarding the nonconformance. Initial notification may be made by phone, but must be followed up in writing.

A clear description of the non-conformance (what it is, what it should be)

- Part numbers affected
- Delivered quantity
- Delivery date
- Delivery location
- Purchase Order number
- Batch and/or lot number

For product delivered which had been determined to contain engineering errors, the supplier will provide written notification to Meggitt within 3 business days when it has been determined that the shipped product does not, or is suspected to not, meet the design requirements.

Request for non-conforming material to be dispositioned as "Repair" or "Use-as-Is" shall be documented on the supplier's non-conformance form and submitted to Meggitt for final disposition. The supplier is not authorized to ship parts with these dispositions without prior written approval from Meggitt Oregon.

**QP-22 Government Flow-Down Requirements:**

This purchase order will be for end use of the US Government. Supplier is required to review supplemental attachment to this PO for FARS and DFARS clauses. Applicable FAR & DFARS clauses are located on [Meggitt.com/siteterms](http://Meggitt.com/siteterms).

**QP-23 Foreign Object Debris (FOD) Prevention:**

The supplier shall comply with AS9146 FOD Prevention Program requirements to ensure foreign objects cannot become entrapped or encapsulated in parts or materials. This program must include training, manufacturing process review, housekeeping, tool / hardware accountability and material handling to prevent risk of FOD incidents. Records of employee training must be maintained on file for customer review.

**QP-24 Environmental System Requirements:**

The supplier shall maintain an environmental system in compliance with ISO14001 and / or meet the requirements of the Meggitt Environmental policy, located on Meggitt.com. Suppliers are required to identify products and / or processes, which may be harmful to the environment and must implement measures to reduce or eliminate these hazards.

**QP-25 Preference for Domestic Specialty Metals**

Any specialty metals, per DFARS clause 252.225.7014 Alt. 1, incorporated in articles delivered under this contract/purchase order shall be melted in the one of the qualifying countries as shown in FAR225.872.1a. This requirement must be flowed down to all of your sub-tier suppliers, no matter how far down the supplier chain, on all purchase orders issued, and that it is designated as a mandatory contractual requirement for all sub-tiers."

**QP-26 Traceability for skim coated materials**

The certification from the supplier shall include the traceable batch numbers and applicable test reports and/or certifications for each component used in the processing and production of skim coated fabrics with silicone or organic rubber compounds.

All silicone compounds and fabrics requiring customer-approved sources shall be used. Material supplied by Meggitt Oregon for skim-coating processing will include the batch number on the purchase order. This batch number must be recorded on the finished item certification as well.

**QP-27 Counterfeit Parts Prevention Requirements**

- A. The supplier shall ensure that only new and authentic materials are used in products delivered to Meggitt Oregon. The supplier may only purchase parts from original equipment manufacturers (OEM), authorized distributors or approved aftermarket manufacturers.
- B. Any product that was not provided by these sources will not be accepted by Meggitt, unless prior approval is obtained in writing
- C. Supplier shall agree and ensure that counterfeit materials are not delivered to Meggitt.
- D. The supplier shall notify Meggitt immediately if they become aware or suspect that it has shipped counterfeit product to Meggitt.
- E. In the event that counterfeit product has been supplied to Meggitt, the supplier shall at its own expense, replace the product with genuine approved parts or materials conforming to the requirements.
- F. The supplier shall also maintain a counterfeit parts prevention and control plan to prevent the delivery of counterfeit parts to Meggitt, reference SAE AS6174 and Meggitt document MQA-11 Counterfeit and Fraudulent Materials Avoidance Process.

**QP-28 Meggitt-Defense Owned Tooling**

This purchase order is for tooling which is Meggitt owned property and falls under the Meggitt tooling property requirements established in D950-11059-1 for defense, space and security products.

**QP-29 Meggitt-Commercial Owned Tooling**

This purchase order is for tooling which is Meggitt owned property and falls under the Meggitt tooling property requirements established in D33200 for commercial airplane products.

**QP-30 Meggitt PC 700 Quality System requirements**

This purchase order is for procurement of parts and/or materials that are intended for use under Meggitt's FAA issued Production Certificate 700. The following statement must be on all shipping documents:

"Supplier hereby acknowledges that the parts and/or materials being shipped under this order are intended for use under Meggitt's Federal Aviation Administration (FAA) issued Production Certificate 700 and no articles (or constituent part thereof) or accompanying paperwork (e.g.



packages shippers, etc.) contain any Federal Aviation Administration – Parts Manufacturer Approval (FAA-PMA) markings.”

## QP-31 Work Transfer requirements

Work transfers (source change) is applicable to suppliers planning the temporary or permanent transfer of work and is used to control and verify that the product conforms to requirements during and after the following types of transfers:

- Supplier site to subtier (Make to Buy)
- Subtier to supplier site (Buy to Make)
- Change from subtier A to subtier B
- Change of site at supplier or subtier
- Relocation of manufacturing to another supplier site (Where Make)
- Change of supplier manufacturing equipment / process at a site

The supplier shall inform Meggitt at least two months in advance of any such planned activity, and make available:

- Description of the new location, with general layout and pictures or floor plan;
- A list of parts involved in the transfer;
- Timeline and plan for each step in the transfer including:
  - Production
  - stop date at current site;
  - Equipment
  - movements;
  - New location set-up;
  - Re-calibration, re-qualification of equipment and tooling;
  - Training requirements;
  - Last Article Inspection (old location) plan.
  - First Article Inspection Report plan (in new location).

This activity will be at the supplier's cost and minimal stock will be guaranteed to cover the transition period.

The supplier may only proceed with the work transfer (source change) when a **written** response has been received from by Meggitt indicating the supplier complies with requirements specified in the response.

The supplier shall ensure delivery performance is protected prior to any work transfer (source change).

## QP-32 CAD/ DPD Quality Requirements

Catia datasets furnished by Meggitt are an authority dataset and may be used as media of inspection. The supplier must have the capability to accept and process this information directly. No translation of this data is acceptable for inspection of any product on this P.O. without prior approval from Meggitt. Any inspection is to be performed with the original authority dataset or authority dataset printout".

For Meggitt reference datasets (e.g., IGES): Datasets furnished by Meggitt are Reference datasets. Meggitt will supply an Authority dataset printout. The supplier is required to verify



translated or reference data back to the Authority dataset printout before use. Inspection of product must be based and traceable to authority datasets.

The supplier is required to maintain a CAD/CAM quality assurance plan in compliance with Meggitt D6-51991 and SQR-004 when indicated on the purchase order.

## **QP-33 Statistical Sampling Plan Requirements**

Supplier shall perform 100% inspection for in-process and final inspection, or Supplier shall conform to requirements of document AS9138 "Aerospace Series – Quality Management Systems Statistical Product Acceptance Requirements" as may be amended from time to time. The supplier shall have a statistical sampling procedure/plan that conforms to AS9138 with minimum protection levels meeting SAE AS9138 Table A1 and C=0 and are subject to restrictions noted in AS9138, Section 4.3 Safety/Critical Characteristics, and part/product Design Data sampling requirements and/or prohibitions. Meggitt reserves the right to disallow a supplier's statistical methods for product acceptance for specific sites/ programs, parts or characteristics, and to conduct surveillance at supplier's facility to assess conformance to the requirements of AS9138. Aerospace standards such as AS9138 can be obtained from SAE International at: <http://standards.sae.org>

## **QP-34 Meggitt Program Requirement**

Supplier shall flow down the requirements listed below to all subcontracts awarded. Acceptance Authority Media (AAM) - Supplier shall comply with the AS/EN/JISQ 9100 requirements and 14CFR Part 21.2 regarding the application of the Acceptance Authority Media (AAM) requirements.

Supplier shall, within its organization and its supply chain, ensure that the use of AAM is clearly defined within its Quality Management System (QMS).

Supplier shall, upon Meggitt request, be able to demonstrate evidence of communication to its employees and to its supply chain; use of AAM must be considered as a personal warranty of compliance and conformity.

Supplier shall maintain compliance to the AAM requirements by assessing its process and supply chain as part of its internal audit activities. The areas of focus of this assessment shall include but not be limited to:

- Authority Media Application Errors (i.e., Omission, Typos, Legibility, etc.)
- Authority Media Application Untimely Use (i.e., Documentation is not completed as planned, "Stamp/Sign as you go", etc.)
- Authority Media Application Misrepresentation (i.e., Uncertified personnel,
- Falsification of documentation, Work not performed as planned, etc.)
- Authority Media Application Training Deficiencies (i.e., Ethics, Culture awareness, Proper use of authority media, etc.)

## **QP-35 Qualification of Work Force**

The supplier shall ensure they have utilized appropriately qualified individuals when performing work for Meggitt and that the records to support their qualifications are maintained. If the supplier utilizes a sub-tier source, they shall ensure those sources meet the same requirements for competency and that all documentation is maintained.



**QP-36 Basic Working Conditions and Human Rights**

In addition to the provision set forth in the Code of Basic Working Conditions and Human Rights in the contract, Supplier further commits that any material violation of law by Supplier relating to basic working conditions and human rights, including laws regarding slavery and human trafficking, applicable to Supplier's performance under this Contract/ Agreement may be considered a material breach of this Contract/Agreement for which Meggitt may elect to cancel any open Orders between Meggitt and the Supplier, for cause, in accordance with the provisions of this Contract/Agreement, or exercise any other right of Meggitt for an Event of Default under this Contract/Agreement.

**QP-37 Meggitt Quality Purchasing Data Requirements**

Supplier shall comply with requirements of Form X31764 "Meggitt Quality Purchasing Data Requirements" The supplier shall access this form by selecting "Supplier Quality" from the menu bar of "Doing Business with Meggitt" home page located at the following URL address: <http://www.Meggittsuppliers.com/>.

**QP-38 Environmental Protection Agency Requirements**

Supplier shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as applicable:

Warning

Contains \*\_\_\_\_\_, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

Warning

Manufactured with \*\_\_\_\_\_, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

\* Supplier shall insert the name of the substance(s).

**QP-39 Raytheon Additional FARS/DFARS:**

The product or services on this purchase order will be used on and shipped to Raytheon and must meet the Raytheon contractual requirements noted below. These FAR and DFAR clauses are available at [www.aquisition.gov](http://www.aquisition.gov) or [https://www.raytheon.com/suppliers/supplier\\_resources](https://www.raytheon.com/suppliers/supplier_resources).

**QP-40 GE Aviation Flow-Down Requirements:**

This purchase order contains line items that may be used in manufacturing products for GE Aviation. Supplier is required to review GE Aviation specifications S-1000/S-1001/S-1002 for requirements that affect the manufacture/distribution of the items on this PO.



## QP-41 DFARS Clauses- General

### **Additional Supplier Labor Requirements for all performance in the United States:**

Supplier certifies compliance with Sections 6, 7 and 12 of The Fair Labor Standards Act Of 1938, As Amended (29 U.S.C. 201-219), found at <https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/FairLaborStandAct.pdf>.

### **Additional FAR & DFARS Clauses Applicable to Supplier for all Firm Fixed Price Orders**

FAR 52.249-2, Termination for Convenience of the Government (Fixed-Price), pars. (d)-(g) (Apr 2012); DFARS 252.225-7052, Restriction on the Acquisition of Certain Magnets, Tantalum, and Tungsten (Oct 2020).

### **Additional Clauses Applicable to Supplier for all Firm Fixed Price Orders**

#### **Compliance with Laws**

Supplier shall be responsible for complying with all legal requirements, including , but not limited to the provisions of any statute, ordinance, rule, regulation , judgment, decree, order, permit, approval, license or registration applicable to its performance under this Agreement. Supplier shall notify Buyer of any aspect of Supplier's performance that is prohibited under any legal requirements, at the earliest opportunity, but in all events sufficiently in advance of Supplier's performance of such obligation, so as to identify and implement alternative methods of performance. Supplier shall notify Buyer in writing at the earliest possible opportunity of any aspect of its performance, which becomes subject to any additional legal requirement after the date of execution of this Agreement or which Supplier reasonably believes will become subject to additional regulation during the term of this Agreement. Supplier agrees to indemnify and to hold harmless Buyer from any failure by Supplier to comply with any legal requirement. In addition, Supplier shall:

- (i) comply with all applicable country laws relating to anticorruption or antibribery, including but not limited to legislation implementing the Organization for Economic Co-operation and Development "Convention on Combating Bribery of Foreign Public Officials in International Business Transactions" (the "OECD Convention") or other anti-corruption/anti-bribery convention;
  - a. (comply with the requirements of the Foreign Corrupt Practices Act, as amended, (FCPA) (15 U.S.C. §§78dd-1, et. seq.), regardless of whether Supplier is within the jurisdiction of the United States; and
  - b. neither directly nor indirectly, pay, offer, give, or promise to pay or give, any portion of monies or anything of value received from Buyer to a non U.S. public official or any person in violation of the FCPA and/or in violation of any applicable country laws relating to anti-corruption or anti-bribery.

## QP-42 Customer Flowdown Requirements for MXM Only:

This purchase order may be for end use of the US Government for COTS items produced by US and non-US sites. Supplier is required to meet requirements of the QP-42 Matrix located in <https://www.meggitt.com/siteterms/> under Meggitt Oregon.

## QP-43 Operator Self Verification

Operator Self-Verification Program (Flow-down to Supply Chain): If supplier uses an Operator Self-Verification (OSV) program, supplier shall comply with the requirements set forth in SAE industry standard AS9162, "Aerospace Operator Self Verification Programs", as may be amended from time to time. Meggitt reserves the right to conduct surveillance at supplier's facility to determine that supplier is compliant to the requirements of AS9162.



## **QP-44 Control of Excess Inventory**

Excess Inventory (Flow-down to Supply Chain): Supplier shall control all inventory of Meggitt proprietary product that is in excess of contract quantity in order to prevent product from being sold or provided to any third party without prior written authorization from Meggitt. Additionally, supplier shall not provide product from excess inventory that was previously rejected or returned by Meggitt without prior written authorization from Meggitt. When supplier fulfills an order in support of a Meggitt PO with product from excess inventory, for which supplier was the original manufacturer, supplier shall be able to demonstrate traceability to the original Meggitt purchase document that authorized manufacture of the product when requested by Meggitt.