

PURCHASE ORDER QUALITY REQUIREMENTS

The following Quality Requirements apply to all Asturies Manufacturing Company (AMC) Purchase Orders and Contracts, unless otherwise noted.

Q1 QMS - INSPECTION & TEST SYSTEM REQUIREMENTS

The supplier shall establish and maintain a quality management system that includes an Inspection and Test System in compliance with the requirements of AS9100. The supplier's Inspection and Test System is subject to audit, verification and approval and/or disapproval by Asturies designated representative(s).

Q2 MRB AUTHORITY

Material review board authority is not authorized on this purchase order.

Q3 APPROVAL & CHANGES

The supplier shall notify the buyer of any proposed changes to processes, products, or service, including changes of their external providers or location of manufacture, and obtain the organizations approval and obtain written approval of the changes from the buyer and/or the buyer's customer. Changed articles shall be clearly identified and in a different manner from the previous articles. When a proprietary item is procured by the buyer, the supplier shall notify the buyer of changes.

Q4 RAW MATERIALS & TRACEABILITY

Raw materials shall be accompanied with certifications, chemical and/or physical test results. The supplier shall certify to the specific requirements defined on the face of the purchase order. Identification of each piece of material and each report is required by specification to provide traceability to heat, lot or batch number. The Certifications shall be signed by supplier quality representative; the name shall be printed below the signature.

Q5 MATERIAL SUPPLIERS/DISTRIBUTORS

Material manufacturers and/or distributors shall be compliant with, and abide by the requirements of AS6279 "Standard Practice for the Production, Distribution and Procurement of Metal Stock" in the production and sale of all raw material products.

Q6 GRAIN DIRECTION IDENTIFICATION REQUIRED (where applicable)

Q7 IDENTIFICATION & DATA RETRIEVAL

Where and to the extent that traceability is a specific requirement, the supplier shall apply a unique identification to the individual product, material or batch. This identification data shall be recorded on and traceable to related suppliers records (see supplier quality records).

Q8 SUPPLIER QUALITY RECORDS & CONTROL OF DOCUMENTS

The supplier shall maintain suitable inspection and test records to serve as evidence of conformance with specified requirements. Such records shall be legible and traceable to the product involved and shall be maintained for a minimum period of ten (10) years from the date of final manufacture or as stated otherwise in the contract. All information in the contract must be held in confidence by the supplier and no third party request for information will be authorized unless instructed by an Asturies representative.

Q9 SUBMISSION & RESUBMISSION OF NONCONFORMING ARTICLES OR MATERIALS

Do not send nonconforming products or materials to Asturies without prior authorization. Nonconforming articles and/or materials returned by the buyer and subsequently resubmitted by the supplier shall bear adequate identification of such nonconformance, either on the articles, materials, or applicable suppliers' records. The supplier shall provide evidence that the cause of the nonconformance has been corrected and that actions were taken to preclude any reoccurrence. Materials or services found to have a quality problem could result in a formal request for corrective action. Such requests require a response by the identified due date.

Q10 ACCESS TO SUPPLIER'S FACILITIES

During Contract performance, the supplier shall grant reasonable access to all the supplier's facilities to representatives of Asturias, Asturias' customers, US government and/or regulatory agencies for the purpose of evaluating supplier's conformance to all PO/Contract requirements. When applicable, the access requirement shall be flowed-down by the supplier to the supplier's sub-tier sources.

Q11 FIRST ARTICLE AND/OR MICP

When requested on Purchase Order supplier shall perform a first article inspection in accordance with the requirements set forth. Supplier shall forward one (1) completed copy of the first article inspection report to the buyer for verification and acceptance.

Additionally, and if made a part of the Purchase Order requirements, a completed Asturias' MICP (Manufacturing Inspection Control Plan) or suppliers' equivalent with an inspection sampling plan per ANSI Z 1.4 2008, shall accompany all shipments.

Q12 CERTIFICATE OF CONFORMANCE

Supplier shall provide evidence that the processes requested in this purchase order were performed by approved sources. Such evidence shall be maintained on file by the supplier. Included with each shipment to the buyer shall be a certificate of conformance indicating as a minimum the process description, process number, name and address of the process supplier, the purchase order and part number. Certifications shall be signed by supplier quality representative; the name shall be printed below the signature.

Q13 CONTROL OF SUB-TIER SOURCES

The supplier, as the recipient of the PO or Contract, is responsible for meeting all PO/Contract specified technical and quality requirements, whether the supplier performs the work, or the work is performed by the supplier's sub-tier sources. When the supplier uses sub-tier sources to perform work on products and/or services scheduled for delivery to Asturias, the supplier shall include (flow-down) on Purchase Orders or Contracts, to his sub-tier sources, all of the applicable technical and quality requirements of the AMC PO or Contract, including, when applicable the requirement to document and control "key characteristics" and/or "key processes", and to furnish certifications, MICPs and test reports required by the applicable PO Quality Requirements.

Q14 SUPPLIER NOTIFICATION OF NONCONFORMING PRODUCTS DELIVERED TO ASTURIES

When the supplier has determined that nonconforming product(s) have been delivered to Asturias, the supplier shall notify Asturias within twenty-four (24) hours of the initial discovery. The supplier shall use receipt acknowledgement e-mail or other positive notification method. The notification shall include the supplier name, Asturias PO/Contract number, part number and description, affected quantity and serial numbers (if known), dates delivered (if known), brief description of the nonconforming condition.

Q15 REQUIREMENTS FOR QUALIFICATION OF PERSONNEL

Where applicable, only qualified/certified personnel shall be used based on process specification requirements (NDT, etc.). All supplier personnel must be aware of their contribution to product or service conformity, their contribution to product safety and the importance of ethical behavior. Records shall be maintained of the personnel qualifications/certifications.

Q16 REQUIREMENTS FOR AS9100

Where appropriate, the supplier will indicate that AS9100D clause 8.4.3 has been conformed to and flowed down to sub-tiers.

Q17 FOD CONTROL MATERIAL HANDLING

Suppliers shall ensure parts handling methods promote avoidance of foreign objects and damage.

Q18 COUNTERFEIT MATERIAL

Suppliers must maintain a process for ensuring all materials and/or hardware are new and not illegal copies, not substitutes or counterfeit products. Suppliers must provide a copy of manufacturer's cert of conformance and any requested material and process certs along with shipment. Seller warrants that all goods being sold are new, not counterfeit, illegal copies or substitutes of an OEM item(s) and have passed all required tests.

Q19 MSDS REQUIREMENTS

As a requirement under the US Federal OSHA Hazard Communication standard, the chemical supplier shall provide a material safety data sheet (MSDS) that meets all the requirements of the OSHA standard for each chemical product purchased.

Q20 DPD / MBD SUB-TIER SUPPLIER ACTIVITY

The supplier, as the recipient of the PO or Contract, is responsible for meeting all DPD / MBD requirements IAW Boeing D6-51991 and /or Triumph SQR-004.

Q21 SOFTWARE QUALITY ASSURANCE

Suppliers of software used in the manufacture, inspection or acceptance of product must be under configuration control.

Purchase order instructions may include additional call-outs as required by Asturies Manufacturing. Contact your buyer if you need assistance in determining your commodity as shown below.

Applicable Clauses for **Material Vendors, Suppliers, Manufacturers and Distributors**: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q12 Q13 Q14 Q15 Q16 Q17 Q18

Applicable Clauses for **Forgings, Casting Vendors, Suppliers, Manufacturers and Distributors**: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q12 Q13 Q14 Q15 Q16 Q17 Q18

Applicable Clauses for **Hardware Suppliers, Manufacturers and Distributors (to include but not limited Fasteners, Inserts, Nutplates, Rivets, Bushings, Rod Ends, Bearings, etc.)** Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q12 Q13 Q14 Q15 Q16 Q17 Q18

Applicable Clauses for Outside Processing Houses (to include but not limited to Plating –anodize, chrome, cad plate, etc., Painting/Primer, Dry Film Lube, NDT – penetrant/mag particle inspection/USI, Coatings): Q1 Q2 Q3 Q7 Q8 Q9 Q10 Q12 Q13 Q14 Q15 Q16 Q17 Q18

Applicable Clauses for outside machining, fabrication, and other support processes (to include but not limited to swaging, grinding, honing) Q2 Q3 Q7 Q8 Q9 Q10 Q11 Q13 Q14 Q15 Q16 Q17 Q18