

## **QUALITY REQUIREMENTS CODE (USAEROTEAM)**

**Q1 Control of Quality (AS-9100):** The supplier provides, documents and maintains a system that complies with AS-9100:2016, i.a.w. the requirements of AS-9104/1:2012. Compliance with the provisions of this specification in no way relieves the supplier of the responsibility to furnish acceptable supplies or services. The supplier must ensure that their sub-tier suppliers conform to USAeroteam requirements.

**Q2 Control of Quality (ISO-9000 Quality Program Requirements):** The supplier provides, documents and maintains a system that complies with ISO-9000, Quality Program Requirements. Compliance with the provisions of this specification in no way relieves the supplier of the responsibility to furnish acceptable supplies or services. The supplier must ensure that their sub-tier suppliers conform to USAeroteam requirements.

**Q3 Control of Quality (ISO-9001:2015):** The supplier provides documents and maintains a system that complies with ISO-9001:2008, Quality Standards. Compliance with the provisions of this specification in no way relieves the supplier of the responsibility to furnish acceptable supplies or services. The supplier must ensure that their sub-tier suppliers conform to USAeroteam requirements.

**Q4 Control of Quality (TS-16949):** The supplier provides, documents and maintains a system that complies with TS-16949, Quality System Requirements. Compliance with the provisions of this specification in no way relieves the supplier of the responsibility to furnish acceptable supplies or services. The supplier must ensure that their sub-tier suppliers conform to USAeroteam requirements.

**Q5 Distributors Quality System:** The distributor maintains an inspection system that ensures that material supplied to the company conforms to the requirements of this procurement. Unless otherwise specified, the distributor is responsible for material acceptability and performance.

**Q6 Supplier's Inspection System:** The supplier maintains an inspection system that ensures that all items furnished have been inspected or tested for conformity to company drawing, specification and procurement documents. The supplier must ensure that their sub-tier suppliers conform to USAeroteam requirements.

**Q7 Calibration System Requirements (ISO 17025):** The supplier must maintain a calibration system in accordance with ISO 17025, Calibration System Requirements to control the accuracy of devices used to measure, gauge, test, inspect or otherwise examine items to verify acceptability of materials or services in performance of this purchase order.

**Q8 Report of Discrepancy:** Departures from drawings, specifications or procurement requirements are submitted to Engineering for deviation consideration on the company supplier's discrepancy action request. Disposition must be approved by USAeroteam in writing before shipment. One reproducible copy of the approved discrepancy request must accompany each affected shipment.

**Q10 Control of Quality (D1-9000):** The supplier provides, documents and maintains a system that complies with D1-9000, Quality System Requirements. Compliance with the provisions of this specification in no way relieves the supplier of the responsibility to furnish acceptable supplies or services. The supplier must ensure that their sub-tier suppliers conform to USAeroteam requirements.

**Q11 Material Control -** The supplier ensures that all material supplied to the company conforms to all applicable governmental, safety and environmental regulations as they apply to the country of manufacture.

**Q12 Quality Alert:** Every supplier must assure their manufacturing system and processes prevent or minimize potential contaminants capable of becoming entrapped in product. Additionally cleaning processes must remove any foreign debris (such as machining chips, burrs, grinding dust, forming materials, loose heat-treat scale, corrosion, oil and foreign material) generated by normal manufacturing operations and especially after any rework/ repair situations that may impede its intended use. Suppliers must perform a comprehensive review within their own facilities and at their sub-tiers.

**Q13 Right of Access:** Supplier/Vendor shall permit USAeroteam or its representatives to have reasonable access to the sites where the work under an agreed upon purchase order is performed and to its employees in order to assess (1) work quality, (2) conformance with stated specification, and (3) conformance with Supplier's/Vendor's representations, warranties, certifications and covenants under this purchase order.

**Q14 Record Retention:** Supplier/Vendor shall maintain, for a minimum of three (3) years, purchase order files for supplies, equipment, material, or services including supporting documentation and back-up files including, but not limited to, invoices and memoranda, e.g., memoranda of negotiations showing the principal elements of price negotiations. Product acceptance records, including inspection records, material certifications, and acceptance test records, operators training and qualification records, shall be retained in accordance with FAR subpart 4.7 and USAeroteam's current SOP 4.2.4 for quality product requirements.

**Q15 Sourcing Quality Requirements:** This is a flow down requirement for materials and special process test reports. Adequate information must be furnished on all Data/Test Results. Additionally, suppliers are to notify USAeroteam of nonconforming product, receive nonconforming product disposition approvals, changes to product, processes, suppliers and facilities.

**Q17 Supplier Requirements for Characteristic Accountability, Verification and Quality Planning:** This is a flow down requirement for product characteristic accountability and documentation requirements for first article inspection results.

**Q19 Mercury Exposure:** No material containing mercury may be used to manufacture this product or come in contact with this product.

**Q20 Material Control:** Supplier is prohibited from "scrap in place" – any/all material provided by USAeroteam must be returned, including nonconforming product (disposed or not), set-up piece(s), test coupons, etc.

**Q21 FARS/DFARS clauses required on this contact.** Supplier/vendor is responsible for contacting USAeroteam Engineering for flow down.

**Q22 Product Substitution:** Any product not manufactured and/or supplied as defined in the Purchase Order, even though it might be manufactured in accordance with the drawing(s) and/or specifications cited, shall be considered an unauthorized substitution and may yield criminal and/or civil penalties as counterfeit product.

**S1 Source Inspection (Mechanical or Visual):** All items specified by the purchase order are subject to inspection at the supplier's facility by our quality representative before shipment. The supplier will provide no less than 48 hours advance notice to purchasing to permit scheduling of source inspection.

**S2 Source Inspection (Test):** All items specified by the purchase order are subject to inspection at the supplier's facility by our quality representative before shipment. The supplier will provide no less than 48 hours advance notice to purchasing to permit scheduling of source inspection.

**S3 Source Surveillance:** All items specified by the purchase order are subject to surveillance by the quality staff. This may include review of the suppliers inspection system, procedures, and quality or test records during the production run to ensure conformance to drawing, specification and procedure requirements. NOTE: Supplier's proprietary products and processes are not subject to this provision.

**S4 Government Source Inspection:** The supplies on this purchase order are subject to government inspection at any point of manufacture. On receipt of this purchase order, the supplier is to promptly furnish a copy to the government representative who normally services your facility. If the representative or office cannot be located, USAeroteam Quality department is to be notified immediately. When material is ready for inspection, the supplier notifies the government representative. Evidence of GSI must be shown on all shipping documents.

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**S5 Standards and Instructions:** Written standards defining work quality process controls, and acceptance or rejection criteria are required. These are supplied by purchasing, or upon written approval, the supplier may substitute existing in-house standards.

**S6 Government Priority Rating:** This is a rated order certified for national defense use and you are required to follow all provisions of the Defense Priorities and Allocations System Regulations 15 CFR 350.

**T1 Company Approval:** The supplier obtains approval from USAeroteam Engineering and/or Quality, in writing, before any change in design, material or process that may affect interchangeability or reliability.

**T2 Part Identification Requirements:** Supplier ensures that all items are permanently and legibly identified.

**T3 Identification of Shelf Life Material:** Supplier will identify for each item, shelf life data including, USA's purchase order number, part number, specification identification, cure or manufacture date, expiration date, special storage and handling, lot number or other traceable identification and signature and title of an authorized company representative. Material must have greater than 75% of shelf life remaining upon delivery to USAeroteam.

**T4 First Article Inspection:** First Article inspection is required to ensure compliance to the applicable engineering drawings and specifications. The first article items are accompanied by the supplier's first article inspection report, showing records of actual measurements. The first article units are to be tagged and identified as such.

**T5 Chemical and Physical Test Reports:** Each shipment is accompanied by one legible and reproducible copy of all chemical and physical test reports. The report must contain at least the following: a. Signature and title of the authorized representative of the agency performing the test b. Specification to which they comply c. Purchase order number. d. Test results

**T6 Certificate of Conformance:** Each shipment is accompanied by one reproducible copy of a certificate of compliance for each process or material. Such processes as heat treating, welding soldering, magnetic particle, Penetrant inspection, ultrasonic inspection, surface preparation and treatment are included. The certificate must identify the following: a. The process or material b. USAeroteam's purchase order number c. The specification to which they conform. The name of the agency which performed the test (if other than the seller) e. Date f. Serial numbers (if applicable) g. Quantity h. Statement that inspection records are maintained on file and are available for review (this statement not required if supplier complies with T5, however supplier must provide traceability data, (lot #, heat # etc.) from T5 to T6). i. Signature and title of the authorized representative approving the information.

**T7 Functional Test Reports:** Each shipment is accompanied by one legible and reproducible copy of the reports actual test data results with test parameters and products submitted. These reports contain the signature and title of the authorized representative of the agency performing the test and must conform to specific requirements.

**T8 Environmental Test Reports:** Each shipment is accompanied by one legible and reproducible copy of the reports actual test data results with test parameters and products submitted. These reports contain the signature and title of the authorized representative of the agency performing the test and must conform to specific requirements.

**T9 Seller Controlled Product:** One legible and reproducible copy of applicable specification, drawings and catalogs accompany the initial shipment on this purchase order.

**T10 Nondestructive Test Reports:** Each shipment is accompanied by one legible and reproducible copy of actual NDT results identifiable with acceptance requirements and material submitted. These reports contain the signature and title of the authorized representative of the agency performing the inspection and must conform to specified requirements.

**T11 Tool Proofing:** Acceptance of production tools is contingent upon inspection and acceptance by the company of the applicable characteristics of the number of the dimensional samples on the purchase order. The tooling and dimensional samples must conform to the tolerance limits of engineering drawing and specification stated on this purchase order. This inspection shall be under the company supplied quality representative at the seller's facility, or the items will be shipped to the company for inspection, as directed by purchasing. Dimensional samples are identified with the tool number.

**T12 Marking of Tools, Molds and Test Equipment:** Supplier marks company owned tools, molds and test equipment with the applicable information as supplied by the purchase order. If a mold contains more than one cavity producing the same part number, each cavity is numbered.

**T13 Packing and Packaging:** The supplier ensures that all items are adequately packed and packaged to prevent damage or contamination, unless directed by the purchase order.

**T14 Traceability of Raw Material:** Items under this purchase order must be traceable to raw materials used. Copies of all traceability and inspection records are submitted with raw materials, parts, or assemblies to which they apply. Raw materials used are identified by lot numbers as well as material type, specification and heat number and must be traceable to records of acceptance. Parts fabricated are identified with the lot or raw material used.

**T15 Radiographic Inspection:** Each shipment subject to radiographic inspection is accompanied by the applicable film and one legible and reproducible copy of the actual test results cross referencing each film exposure to each item. Personnel performing film interpretation must be certified in accordance with the specification.

**T16 Elimination of Class I Ozone Depleting Substances:** Unless a specific waiver has been authorized, USAeroteam procurements: 1. May not include any specific standard, drawing or other document that requires the use of a Class I ODS in the design, manufacture, test, operation or maintenance of any system, subsystem, item component or process. 2. May not include any specification, standard, drawing or other document that establishes a requirement that includes the use of a Class I ODS. 3. May not require the delivery of any item of supply that contains a Class I ODS or any service that includes the use of a Class I ODS.

**T17 Revision Level of Specification:** The latest revision must be complied with unless otherwise approved by USAT.

**T18 Preference for Domestic Specialty Metals:** The following applies to material provided on this order in accordance with DFARS 252.225-7014 & Amendment 1.