

### **PURPOSE**

The Quality Assurance clauses are applied to purchase orders only to flow our requirements to our suppliers.

Beaver Aerospace & Defense, Inc. or their Customers reserve the right to inspect all materials, special processes, inspection and test data, procedures, or facilities which are pertinent to the respective purchase order. All quality data must be maintained on file for ten (10) years and/or as required by Customer.

Unless otherwise noted, the latest revision to applicable Customer and Government Specifications shall apply.

### **BA-1 QUALITY PROGRAM REQUIREMENTS**

The supplier shall have an established and documented Quality Control System that complies with the control specification designated. This system shall be subject to periodic surveys by Beaver Aerospace & Defense, Inc. Quality Assurance Representatives. The outcome of the surveys and subsequent review by Quality Assurance determines the supplier's Quality System designation.

- A) ISO9001:2008 or Similar Standard
- B) Single Function Approval

### **BA-2 SOURCE INSPECTION**

Parts or assemblies that require inspection at the suppliers plant per customer P.O. requirements prior to shipment. The Quality Engineer and/or his designee will perform all inspections and shall complete form QSF-7.4.8 – Source Inspection Activity Report. The supplier shall furnish at no cost, necessary facilities and equipment to Beaver Aerospace & Defense, Inc. Source Inspector. Verification by Beaver Aerospace & Defense shall not absolve the supplier of responsibility to supply acceptable product, nor shall it preclude subsequent rejection by Beaver Aerospace & Defense, Inc

### **BA-3 FIRST ARTICLE INSPECTION**

First Article must be inspected and accepted by Beaver Aerospace & Defense, Inc. Quality Assurance prior to shipment of a production run. The sample lot First Article must be inspected for compliance to requirements as specified in applicable engineering drawings and specifications. First Articles must be so marked and identified with shipment.

### **BA-4 VARIABLE DATA RECORDS**

The supplier shall measure and/or test items indicated in the drawing and its applicable specifications, and shall record the results of such measurements and/or test in an appropriate manner for transmittal with product. One copy (original) should be retained by the supplier as documented evidence of conformance to the specific requirements of the contract. One copy shall be forwarded with the product, preferably enclosed with individual part, if separately packaged. Where separate packaging is not provided, copies of test result shall be included in the main container. It is an absolute requirement that the integrity of the Part/Data traceability be maintained.

## **BA-5 CERTIFICATION OF RAW MATERIAL**

Certification shall define, as a minimum, the number of parts or quantity of material shipped, signed by a responsible Quality Representative of the supplier, and must assure conformance to purchase order, drawing and/or specification with revision level included, including chemical analysis mechanical properties, material sized tested and other test data as specified, inspection procedures (magnetic particle inspection, penetrants inspection, radiographic inspection), and special processing. Data must be identifiable to specific heat or melt codes for metals, and lot or batch codes for non-metals; serialization, when specified, shall be maintained, and the certifications shall identify the specific serial number items in the shipment.

When material is to be shipped direct to other than Beaver Aerospace & Defense, Inc. one (1) copy of the certification package shall accompany each shipment, and one (1) copy shall be forwarded to Beaver Aerospace & Defense, Inc. Purchasing Department.

## **SHELF LIFE ITEMS**

Materials supplied shall include certification of conformance showing applicable specification, batch numbers, manufacturing date, expiration date, and shelf life information, etc. This information must be affixed to each container.

## **BA-6 MATERIAL PURCHASED THROUGH DISTRIBUTORS**

Each shipment must be accompanied by a certificate of conformance listing the **NAME OF THE MANUFACTURER** and signed by their authorized representative. The certificate shall be affixed to the material or container in such a manner as to prevent loss in transit.

## **BA-7 CERTIFICATION OF CONFORMANCE - MANUFACTURER**

Each shipment must be accompanied by a Certification of Compliance Statement signed by responsible Quality Representative of the supplier. It shall be affixed to the material or container in such a manner as will prevent loss in transit. The Certification shall state that furnished material has been manufactured, inspected, and/or tested, and prepared for shipment in conformance with all applicable specification, drawings, and/or standards, and that test reports, as required, are on file and available for review.

## **BA-8 VENDOR SUPPLIED MATERIAL**

Each shipment shall be accompanied by a sample raw material (if not Beaver Aerospace & Defense, Inc. supplied material). For a new heat lot of raw material supplied by vendor and copy of MIL, or distributor certification for raw material is required. The certification must list, as a minimum, the applicable material specification and its revision, and the heat lot of the material.

## **BA-9 BEAVER AEROSPACE & DEFENSE FURNISHED MATERIAL**

Each shipment of parts must be accompanied by a certification indicating Beaver Aerospace & Defense, Inc. supplied material, signed by a responsible Quality Representative assuring conformance to all applicable specifications, drawings and/or standards. Each special process and/or NDT certifications, which include, as a minimum, the source, and quantity.

### **BA-10 NDT**

Non-destructive testing must be accomplished by approved sources selected from Beaver Aerospace & Defense, Inc. approved source listing, or from sources approved by Beaver Aerospace & Defense, Inc. Customer as specified on the Purchase Order. All non-destructive testing must be accomplished in accordance with the requirements of the specification. All NDT certifications must show evidence of analysis results with direct identification to specific unit or lot tested and must be signed by an authorized Quality Representative of the supplier.

### **BA-11 SPECIAL PROCESSING**

Special processing must be accomplished by approved sources selected from Beaver Aerospace & Defense, Inc. approved source list. Special processes include, but are not limited to, heat treating, welding, anodizing, and plating. Certification, signed by an authorized Quality Representative of the supplier, is required. Certification must include actual results for all specification requirements with direct identification to specific unit or lot processed.

### **BA-12 NONCONFORMING PRODUCT**

Departures from drawing, sketch and/or purchase order requirements automatically classify such product as nonconforming. The supplier will tag, or otherwise notify Beaver Aerospace & Defense, Inc. of the nonconformance in writing. When product is received at Beaver Aerospace & Defense, Inc. and inspected, such information will be verified and transposed to a NCMR (QSF-8.3.1) and handled in accordance with QSP-8.3 – Control of Nonconforming Product. In the event that a nonconformance is discovered after parts have left your facility, you are required to notify Beaver Aerospace & Defense in writing of the issue including the specific information related to the nonconformance.

### **BA-13 GOVERNMENT SOURCE INSPECTION**

This contract and products manufactured are subject to Government Source Inspection at your facility. You will be notified by a Representative of Quality Assurance (Beaver) if the Government Q.A.R. wishes to review activity performed in your facility in fulfilling this Government contract.

### **BA-14 GOVERNMENT SURVEILLANCE**

During performance on this order, your Quality Control or Inspection System and manufacturing processes are subject to review, verification and analysis by authorized Government representatives. Government inspection or release of product prior to shipment is not required unless you are otherwise notified..

### **BA-15 STATISTICAL PROCESS CONTROL**

The supplier shall provide statistical process control charts for a company shipment of material to Beaver Aerospace & Defense, Inc

### **BA-16 SUBCONTRACTING**

The supplier shall not subcontract this order without Beaver Aerospace & Defense, Inc.'s written consent.

### **BA-17 DOCK TO STOCK / CERTIFIED SUPPLIER**

The suppliers product will bypass quality assurance based on criteria established in QSP-8.2.4k – Monitoring and Measurement of Product – Dock to Stock / Certified Supplier Program.

### **BA-18 ITAR DESTINATION CONTROL STATEMENT**

These articles or technical data may be controlled by the International Traffic in Arms Regulations (ITAR). Under ITAR they are subject to the export control laws of the U.S. Government. They are not to be placed in the public domain, exported from the U.S., or given to any foreign person in the U.S. without the prior specific written authorization of Beaver Aerospace & Defense and the U.S. Department of State. Violation of these export laws is subject to severe criminal penalties.

### **BA-19 Nadcap ACCREDITATION**

Suppliers utilizing Special Processes as defined by Nadcap ([www.pri-network.org](http://www.pri-network.org)) in the completion of this order shall ensure that the supplier or sub-supplier providing said service will be Nadcap accredited at the time the service is provided. This requirement must be invoked upon any sub-supplier purchase orders to assure compliance. Suppliers must consult the Nadcap website mentioned above for a full listing of special processes. Examples of special processes are, but not limited to, chemical processing, coatings, electronics, heat treating, non-destructive testing, non-conventional machining, surface enhancements, material testing, sealants and welding.