

**Scope:**

This specification establishes requirements for “Suppliers” (defined as: vendors contributing products and/or services to Applied Aerospace Structures Corp. (AASC). These requirements pertain to the tasks necessary to substantiate product conformance to drawings, specifications, contract and Purchase Order requirements. These requirements are in addition to those tasks set forth in any other contractual document.

**Applicability**

This specification shall apply to all supplies and services when added to the item specification, contract or Purchase Order. In relation to other contract requirements, the requirements of this specification shall be satisfied in addition to all detail requirements contained in any other portion of the contract or Purchase Order.

In the event that the Supplier is required to outsource services in order to fulfill the requirements of the Purchase Order, AASC must first be notified by the Supplier of this need to perform to the requirements of the Purchase Order. This notification must happen prior to the commencement of work. In addition, all requirements that are pertinent and binding with regard to the Purchase Order, including copies of the latest revision process specifications, shall be flowed down and imposed in full upon the Sub-tier Supplier.

Finally, as required, only those Sub-tier Suppliers of materials and/or processes, who reside on AASC’s customers approved supplier list shall be used to perform on the contract.

The Supplier is responsible for furnishing the articles which meet all requirements of the contract or the Purchase Order. Should any inconsistency occur between this specification and any other contractual document, the Supplier shall be responsible to bring to the attention of the AASC purchasing department for resolution.

**Quality System**

Supplier shall maintain a quality system compliant to ISO/EN 9001:2008, AS/EN9100, MIL-I-45208 or equivalent industry-recognized quality system or standard acceptable to AASC. Supplier’s Quality System shall be approved by AASC Quality Assurance through either an On-site Supplier Quality Audit or Supplier Quality Questionnaire Desk Audit.

**Prohibited Practices**

**Unauthorized Repairs:** Without AASC Quality’s written approval, Supplier may not repair by any means, parts damaged or found to be faulty during fabrication/processing. Report all discrepancies found.

**Notification of Facility Change:** Supplier shall not re-locate any production, manufacturing and/or processing facility during the performance of this Purchase Order, without promptly notifying AASC Buyer, and affording AASC opportunity to examine such facilities for compliance with Quality Assurance requirements.

**Process Changes:** Any change including personnel, equipment, tooling, material, etc., subsequent to start of

production, the Supplier is responsible for notifying AASC and receiving AASC written approval.

**Right of Entry**

Supplier shall afford AASC and/or AASC’s Customer Representatives the right to enter the Supplier’s premises and verify that contracted product conforms to specified requirements. The Government has the right to inspect any or all of the work included in the Purchase Order at the Supplier’s facility.

**Documentation**

The Supplier shall maintain objective evidence of conformance to all requirements on file for a minimum of ten (10) years or as specified by the Purchase Order.

**Safety**

The Supplier shall offer their products and services in an environment that is attentive to safety for both property and personnel.

**Ethics**

The Supplier shall conduct their business practices in an ethical manner and shall translate such practices to their sub-tier supply base. Ethics shall be defined as financial practices and paperwork accuracy.

**Nonconforming Product**

When a nonconformance is discovered during manufacture and/or prior to shipment to AASC, the Supplier is required to disclose a description and the extent of the nonconformance to AASC and await further instructions. Failure to notify will classify the shipped product as a reject, and will count against the Suppliers Quality Rating.

**Banned Suppliers List**

Due to GIDEP Alerts or other Industry Notifications, the following Suppliers SHALL NOT be used for any type of procurement activity related to AASC Purchase Orders.

Supplier Name	CAGE Code
Western Titanium	04YK8
Bristol Metals/Alloys	24701
A.D. Michel Company	Unavailable
Acme Heat Treatment, Inc.	Unavailable
American Metal Supply, Inc. (AMS)	3E3S7 4UZL1
Hong Dark Electronic LTD	Unavailable
A and P Alloys	0JGL2
ITT Cannon, LLC	71468
Hypertronics	50541
Winchester Electronics	91836
Amphenol	77820
SAPA Extrusions	4FSP6
Bralco Metals (Garland, TX)	6D677
National Aluminum & Alloy Inc.	6CEZ4

**Corrective Action Requests**

When a quality problem is encountered with item(s) from

Supplier, AASC may request a written Corrective Action Request response from the Supplier. Such requests require a timely response (30 days). Replies or request for extension of due dates shall be directed to the AASC Buyer.

In the event that a Supplier receives a Corrective Action Request from the Government (DCMA), the Supplier is to notify the AASC buyer within 72 hours and provide a copy of the CAR and written notification on company letterhead.

#### **FOD / Contamination Control**

The Supplier shall utilize processes, which control contamination and sustain a manufacturing / product environment free of Foreign Object Debris (FOD).

#### **QCPR-1 - Supplier Certificates of Conformance**

In addition to meeting the general Scope requirements, the supplier shall furnish a legible Certificate of Conformance (COC) with a statement attesting that the product complies with drawings and/or specifications imposed by the Purchase Order or contract. The COC shall state that substantiating evidence is on file and available on request.

In addition, the COC must specify the following:

- Part Number
- Serial Number (if applicable)
- Revision of specification on Purchase Order (to include all Engineering Changes)

Note: if the specification revision of available raw stock is different from that stated on the P.O., it is the responsibility of the Supplier to notify AASC and obtain the required approval prior to shipment.

- Latest revision of material or process specifications are required unless specific revision is stated on purchase order.
- Quantity
- AASC Purchase Order number and Line Item.
- The Reports / COC shall include the name, title and signature of the Supplier's Authorized Quality Representative.
- **Counterfeit Parts** - Distributors or brokers that supply non-electrical standard parts, such as fasteners, nuts, washers, springs, O-rings, inserts, and pins, must have a certification from the Original Component Manufacturer (OCM) / Original Equipment Manufacturer (OEM), and that certification shall be delivered with each lot/ shipment. Parts shall not be used or reclaimed and misrepresented as new.
- **Chain of Custody** - The Supplier shall maintain and provide evidence of Test authenticity (chain of custody) back to the OCM/OEM. The Certification shall clearly identify the name and location of all of the supply chain intermediaries from the original manufacturer to the final source of the product delivered to AASC.

The COC shall be attached to the Packing Slip, and shall accompany each shipment. Articles will not be accepted in AASC's system, and Payment cannot be provided to Supplier, unless a COC is provided.

#### **QCPR-2 - Source Inspection:**

The items specified on the face of this Purchase Order require inspection by AASC Quality Assurance and/or Government representative(s) prior to packaging and shipment from the fabricating facility. Notification of the materials impending completion and availability for source inspection will be made not less than seventy-two (72) hours in advance to the AASC buyer.

The selection of material for source inspection may be random sampling by the AASC representative or 100% of the lot, at the representative's discretion. The supplier shall provide all necessary facilities, equipment, documentation and personnel required to perform this inspection at no additional cost to AASC. Records of processing, process control, conformance verification, and other evidence of quality system operation may be required.

Objective evidence of AASC or government source inspection must accompany each shipment of material. When the requirements of QCPR-2 are waived, it shall be at AASC's discretion and written authorization of such waiver must accompany each shipment. Acceptance of material shall be accomplished at AASC's facility unless otherwise specified in writing. Evidence of inspection at the supplier's facility does not constitute acceptance, and transfer of ownership of the material shall be as specified by the Purchase Order.

#### **QCPR-3 - Special Processes or Processing:**

Special processes or processing, which may be, but not limited to; welding, brazing, heat treating, metal forming, surface preparation, film or plating applications, non-destructive testing, approval of processing equipment, procedures of personnel, must be approved prior to initiation of any task required in the completion of this Purchase Order.

The Supplier is responsible for obtaining such approval for his and all his suppliers processes as required by this QCPR-3 and the Purchase Order. The Certification of Conformance which must accompany each shipment of the material required by this Purchase Order must specify the processes, the specification and revision to which they conform, the name of the agency which performed them (if other than the Supplier) and contain the name and title of authorized representative signing the form. When items provided or treated by the Supplier are serialized, the Serial Number shall appear on the COC.

Supplier shall maintain copies of certifications for all subcontracted special processes. Supplier shall also flow down a requirement for their sub-tiers to obtain and maintain raw material and process certifications. Supplier's material/ special process and sub-tier supplier/ processor certifications and test results shall be made available upon request.

#### **QCPR-4 - Test Reports:**

When required by this Purchase Order, the Supplier will provide various reports with each shipment. These reports shall be identifiable to the materials submitted and shall contain objective evidence of conformance to the specification imposed by this Purchase Order. The reports shall include the name, title and signature of the Supplier's Authorized Quality Representative.

**QCPR-4A - Chemical and Physical Test(s)**

These reports must contain the Specification Lot, Roll, Batch or Serial Numbers applicable to the material submitted. They shall also delineate the specific requirement(s), test methods and results obtained.

**Material/ Process Certifications**

Raw Material Suppliers/Distributors shall include a copy of the original mill / origin of manufacture and any required secondary independent test laboratory certification(s) with the shipment of deliverable material. In addition, material must meet any other contractual requirements as stated in the Purchase Order, and any applicable DFARS.

The Supplier shall maintain and provide evidence of Test authenticity (chain of custody) back to the OCM/OEM. The Certification shall clearly identify the name and location of all of the supply chain intermediaries from the original manufacturer to the final source of the product delivered to AASC.

**Material / Process Requirements**

Supplier shall maintain a copy of all suppliers procured raw material certifications, which must be readily retrievable and shall include material specification, dimension/ description, alloy and condition. The supplier shall maintain the original mill / origin of manufacture certification and any secondary independent test laboratory certification(s) if any additional process was done after original certification for procured material that shall include physical properties, chemical analysis and lot number(s). In addition, material must meet any other contractual requirements as stated in the Purchase Order, and any applicable DFARS.

**QCPR-4B - Dimensional Inspection Report Attributes**

These reports must contain the date and results of the dimensional measurement of the material or items submitted. The report shall state the Part Number, description of the dimension and the attribute results of the measurement in a format acceptable to AASC. The Supplier shall maintain evidence of the inspections performed which may include a list of the tool(s) or equipment used to obtain the measurement and their calibration dates.

**QCPR-4C - Characteristics Inspection Reports - FAI**

These reports must contain the date and actual measurement results of the measurements of the characteristics of the items submitted. The reports must state the Part Number, Serial or identification number(s), and description of the requirement and actual results of the measurement. The

Supplier shall maintain evidence of the inspections performed which will include a list of the tools or jigs to obtain the results and their calibration status. Reports requested for First Article Inspections shall comply with requirements and format of AS9102.

**QCPR-5A - AASC Approved Material Sources****Counterfeit Parts**

Distributors or brokers that supply non-electrical standard parts, such as fasteners, nuts, washers, springs, O-rings, inserts, and pins, must have a certification from the Original Component Manufacturer (OCM) / Original Equipment Manufacturer (OEM), and that certification shall be delivered with each lot/ shipment. Parts shall not be used or reclaimed and misrepresented as new.

**Chain of Custody**

The Supplier shall maintain and provide evidence of Test authenticity (chain of custody) back to the OCM/OEM. The Certification shall clearly identify the name and location of all of the supply chain intermediaries from the original manufacturer to the final source of the product delivered to AASC.

**QCPR-5B - AASC Approved Process Sources**

Subcontracted processing of end-item deliverable parts or material must be made from AASC approved processing sources. Contact AASC Buyer or Quality Assurance Representative for written approval prior to contract award.

**QCPR-6 - Removed / Not Used****Receiving Codes**

Receiving Codes (RC), which appear on Purchase Orders are pertinent to AASC Receiving Inspection procedures and are not the responsibility of the Supplier.

- RC1 - Sample inspection to ANSI Z1.4, AQL=4.0, unless modified by direction of the QAE.
- RC2 - Special receiving inspection instructions. If written special instructions have not been provided upon receipt of material, call the project QAE.
- RC3 - Laboratory acceptance testing required. The material or an acceptable sample shall be forwarded to the Materials Test Lab as required.
- RC4 - Sample inspection to BSI 8.1-4, Boeing Receiving Inspection Lot Sampling. Unless otherwise specified, all inspection defaults to an IRR of 90%.
- RC5 - Time and Temperature Sensitive (TATS) Material. Refer to Extended Description, Lab Data Sheet or Material Specification for shipping and storage temperature requirements.
- RC6 - Preferred Supplier - Reduced Receiving Inspection (RRI) Supplier process requirements are active. (Requires specific Supplier approval).