

Airborne Systems Purchase Order Clauses

This document describes in detail the contract requirements for Airborne Systems Purchase Order Quality Codes. All goods shall be manufactured and tested containing new and unused components and materials. All inspection and test equipment shall be suitable to demonstrate conformance, be in a known state of calibration, and capable of providing valid measurements. Packing lists, Certifications, and Test Reports shall accompany goods and must be received prior to acceptance of goods. Airborne Systems reserves the right to inspect and test all items prior to acceptance.

Note: Web links in this document, other than to the www.airborne-sys.com domain, are subject to change outside of Airborne Systems' control and shall be used for reference only. Verifying accuracy of content shall be the responsibility of the Seller.

Standard Quality Clauses

The following Quality Clauses are standard, applying to all Purchase Orders from Airborne Systems.

Note: The seller shall flow down all Standard Quality Clauses to sub-tier suppliers.

SQC-01 Right of Entry

At any time after receipt of a contract (until the same has been completed or duly withdrawn or rejected), after acceptance thereof and during the term, the agents, employees, and contractors of Airborne Systems, or required government agents, may upon reasonable prior notice to Seller, enter Seller's premises to determine compliance by the Seller with the requirements of the contract. The purposes of entry shall include, but is not limited to: inspection & auditing of Supplier's Quality System, inspection of contracted product, and inspection & auditing of regulatory compliance. Note: Nothing in this clause shall act to relieve the Seller of any duty to inspect or liability which might arise as a result of the Seller's failure to inspect and comply with all contractual requirements.

SQC-02 Change Notification

The Supplier shall notify Airborne Systems when considering any changes to Subcontractors / vendors, equipment, or any other changes which would directly affect form, fit or function of the end item, including supplier specification or part revision changes.

Any changes to materials, processes, or manufacturing sites are considered significant and shall all be reported as well. The Supplier shall notify Airborne Systems Buyer prior to any and all changes taking effect in the manufacturing process.

At a minimum a delta first article will be required with product delivery in accordance with AS9102 on all products built to ASNA's designs, specification, and drawings, after a revision change, or if there is a two year lapse in production of product.



Airborne Supplier Request for Action (SRA) form (Form PUR 7.4.1.4-3) shall be utilized for submitting Change Notification.”

<http://airborne-sys.com/files/pdf/supplier-request-for-action.pdf>

SQC-03 Calibration System

Evidence of Calibration, traceable to a national standard, such as N.I.S.T., is required for test equipment used to certify compliance of the delivered item.

For Calibration services or new calibration equipment this evidence shall be delivered with the item. For all other purchase orders the evidence shall be made available upon request.

When Calibration Certification required is specified by the Purchase Order or an Appendix, certification of calibration shall be sent with the shipment.

SQC-04 Quality Management System

The supplier shall maintain a Quality Management System that ensures fully compliant products are delivered on time in accordance with all contractual requirements. At a minimum the Quality System shall conform to either to MIL-I-45208 or MIL-Q-9858. ISO9001 or AS9100 systems are preferred.

SQC-05 Certificate of Conformance and Record Retention

Each shipment of items delivered shall include a statement of quality that certifies the deliverable is compliant with all purchase order, drawing and applicable specification requirements. This statement shall be signed with the position of the signer noted. Supplier's use of various types of signatures (e.g., electronic, typed, rubber stamp) is considered acceptable.

The statement shall identify the material or item by Airborne Systems Part Number, lot, date of manufacture, and/or serial number, revision date and/or grade, as applicable.

Objective evidence to support the acceptance shall be provided to Airborne Systems and the customer/government upon request; these records shall be maintained for a minimum of ten (10) years.

Seller shall immediately notify Airborne Systems if shipped material is later found to be or suspected of being non-conforming. All disposition activities in regards to this material shall require the approval of Airborne Systems, and/or its customer as required.

SQC-06 Origin Marking

Goods manufactured outside of the United States of America shall be marked in compliance with 19 CFR Part 134 and country of origin must be stated on certification documents.

SQC-07 Paperwork Improvement

Seller agrees to furnish correct and complete paperwork required in accordance with the purchase order as an integral part of the product purchased by the Buyer. Seller agrees to abide by the performance standards and subsequent penalties associated with noncompliance of those standards set forth within the Supplier Improvement Program. Specific program detail can be found at:

<http://airborne-sys.com/files/pdf/paperwork-improvement-program.pdf>

SQC-08 Test Report /Data

As applicable to the specific drawing or specification, test data shall be provided to support compliance for each lot delivered, including items such as Raw Material data, Chemical composition, and specification requirements. The data shall identify the actual result of the parameter checked compared to the specified performance requirements of the product, including whether the item passed or failed to meet the requirement. All parameters must pass unless the nonconformance is waived or Airborne Systems authorizes a deviation from the specification. If QC-06 is selected on the Purchase Order Clause Appendix A, it will be required with the delivery.

For all non-commercial off the shelf parts supplied with metals or explosives the Seller shall submit with shipment certification of the raw material used in the manufacture of such items specified by the applicable drawing and/or specification. If QC-06 is selected on the Purchase Order Clause Appendix A, it will be required with the delivery.

For all parts with special processes identified as requirements in the drawing and/or specification, Certification of Special Processes shall be provided for each special process. Evidence of certification of these processes performed by lower tier suppliers shall also be provided. If QC-07 is selected on the Purchase Order Clause Appendix A, it will be required with the delivery.

Safety Data Sheets shall be submitted with each shipment of material if the material is hazardous in nature to personnel or equipment. The SDS shall contain special handling and storage instructions. If QC-08 is selected on the Purchase Order Clause Appendix A, it will be required with the delivery.

Test reports and all data shall be documented legibly, with the proper number of significant digits, in in the proper format in accordance with the details found in the following instruction:

<http://airborne-sys.com/files/pdf/proper-documentation-standards.pdf>

SQC-09 Request for Waiver/Deviation

The supplier shall not knowingly deliver nonconforming material to Airborne Systems for acceptance. Supplier may request for nonconforming material to be used by submitting a Request for Waiver/Deviation. Supplier shall place all incomplete manufacturing processes on hold until the waiver/deviation is approved by Airborne Systems (and its customer, when contractually required). An Airborne Systems form "Supplier Request for Action/Disposition" (Form PUR 7.4.1.4-3) shall be utilized for documenting the request & approval activities.

<http://airborne-sys.com/files/pdf/supplier-request-for-action.pdf>

SQC-10 Part Number and Shelf Life Documentation

Airborne Systems part number shall be referenced on all documentation (i.e., Packing Slip, Certificate of Compliance, Test Reports, etc.). If QC-11 is selected on the Purchase Order Clause Appendix A, it will be required with the delivery.

The seller packing sheet and/or shipper shall specify the date of manufacture of the item. Each container shall be identified with the date of manufacture, batch/lot number, specification, shelf life, and storage conditions, as applicable. All materials with a shelf life shall have 75% shelf life (or 2 ½ years on textiles) remaining upon receipt at Airborne Systems. If QC-09 is selected on the Purchase Order Clause Appendix A, it will be required with the delivery.

SQC-11 Reserved

General Quality Clauses

The following quality clauses are Purchase Order specific and the Seller shall be held to meet the clause requirements called-out in the Purchase Order or its Appendix. The seller shall be responsible for flowing down all applicable General Quality Clauses to sub-tier suppliers.

QC-01 Reserved

QC-02 Reserved

QC-03 Reserved

QC-04 ASNA Source Inspection

Manufacturer shall be subject to surveillance and inspection of products, systems, procedures, and facilities by Airborne Systems, or their designated representative. Facilities and equipment required to perform source inspection will be provided without cost to Airborne Systems. Prior to delivery the Seller shall contact Airborne Systems Buyer to coordinate the source inspection of each shipment at least seven (7) days in advance of desired shipping date. No items shall be shipped without Source Inspection approval and evidence of source inspection shall be provided with the delivered items.

QC-05 Government Source Inspection

During performance on this order, Seller's Quality System and manufacturing processes are subject to review, verification and analysis by authorized Government Representatives. Facilities and equipment required to perform Government surveillance shall be provided by Seller without

cost to the Government. Government inspection or release of product prior to shipment is not required unless otherwise specified in this section.

Site selection for Government source inspection and/or data review is at the discretion of the Government Representative, if at the time of the issuance of the PO, an inspection site has been selected, the quality clause shall be identified with the suffix "A" or "S" as follows;

QC-05A – Government inspection of purchased products may be conducted at Airborne Systems upon receipt. Unless otherwise notified by Government Representative to designate a Receiving Inspection hold point, all purchased products shall be processed to stock upon acceptance, and all associated receiving data and certification packages are available for Government's review at any time during subsequent manufacturing processes and upon shipment of end item. (Note: when QC-05A is imposed, the evidence of Government source acceptance on supplier's document is not required).

QC-05S – Government inspection is required prior to shipment from Seller's plant. Evidence of Government acceptance must be indicated on the shipping document. Upon receipt of this purchase order, the Seller shall contact their Government Quality Assurance Representative (DCMA QAR) to establish proper source inspection point(s). Seller shall contact DCMA QAR at least seven (7) days in advance of desired inspection date.

QC-06 **Material Certifications - See SQC-08**

QC-07 **Process Certifications - See SQC-08**

QC-08 **SDS - See SQC-08**

QC-09 **Shelf Life – See SQC-010**

QC-10 **Electrostatic Discharge**

All processing, handling, and packaging of Electrostatic Discharge (ESD) sensitive items or assemblies shall conform to applicable industry standards for ESD protection.

QC-11 **Part Number Reference – See SQC-10**

QC-12 **Textile Defect Marking and Age**

All major defects shall be clearly marked. All textile material shall be less than one (1) year from the date of manufacture when released for shipping to Airborne Systems.

QC-13 **Specialty Metals**

This order is subject to the requirements of DFARS 252.225-7009 Restriction of Acquisition of Certain Articles Containing Specialty Metals found at:

<http://www.acq.osd.mil/dpap/dars/dfars/html/current/252225.htm#252.225-7009>

A statement certifying compliance to DFARS 252.225-7009 shall be included for each shipment of item delivered. This statement shall be signed with the position of the signer noted and may be included as a part of the Certificate of Conformance. The statement shall identify the material or item by lot, date of manufacture, and/or serial number, revision date and/or grade, as applicable. The supplier shall provide the available location of objective evidence to support the origin of raw material to Airborne Systems and the customer/government.

Note: This clause or equivalent provisions shall be included in lower tier subcontracts.

QC-14 Berry Amendment

This order is subject to the Berry Amendment requirements of DFARS Subpart 252.225.70 Authorization Acts, Appropriations Acts, and Other Statutory Restrictions on Foreign Acquisition; specifically DFARS 252.225-7012 Preference for Certain Domestic Commodities, but not limited to DFARS 252.225.7002-1 Restrictions and DFARS 252.225.7002-2 Exceptions found at:

<http://www.acq.osd.mil/dpap/dars/dfars/html/current/252225.htm#252.225-7012>

A statement certifying compliance to DFARS 252.225-7012 shall be included for each shipment of item delivered. This statement shall be signed with the position of the signer noted and may be included as a part of the Certificate of Conformance. The statement shall identify the material or item by material or item description and by an applicable and traceable manufacturing identifier (i.e., lot number, date of manufacture and/or serial number, revision date, roll and/or case number, etc.). Additionally, this statement shall also identify the manufacturing traceability identifier (i.e., merge number, yarn lot number, etc.) of the yarn and/or fiber used in the manufacture of the material or item. The supplier shall provide the available location of objective evidence to support the origin of raw material to Airborne Systems and the customer/government.

Note: This clause or equivalent provisions shall be included in lower tier subcontracts.

QC-15 Certificate of Origin

Each shipment of items delivered shall include a statement certifying origin of the raw material that went into producing each item (for textiles, origin of where yarn and/or fiber was manufactured; for metals, origin of where raw metal stock was melted). This statement is to be provided by the originating supplier (i.e., yarn supplier or raw metal stock supplier) and signed by the originating supplier with the position of the signer noted. The statement shall identify the location of where the raw material originated and identify the raw material by item description and by an applicable and traceable manufacturing identifier (i.e., lot number, merge number, date of manufacture and/or serial number, revision date and/or grade). The supplier shall provide the available location of objective evidence to support the origin of raw material to Airborne Systems and the customer/government.

QC-16 Buy American Act

This order is subject to the Buy American Act of FAR Subpart 52.225-1 Buy American Act—Supplies; 52.225-2 Buy American Act Certificate; 52.225-5 Trade Agreements; and 52.225-6 Trade Agreement Certificates found at:

http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/52_220.htm#P1440_241751

A statement in accordance with FAR 52.225-2 (or FAR 52.225-6 as applicable) shall be included for each shipment of item delivered. This statement shall be signed with the position of the signer noted and may be included as a part of the Certificate of Conformance. The supplier shall provide the available location of objective evidence to support the origin of raw material to Airborne Systems and the customer/government.

Note: This clause or equivalent provisions shall be included in lower tier subcontracts.

QC-17 Pressure Vessels

Pressure vessel test data, including hydrostatic testing results, shall be provided. The Seller shall certify product compliance with all applicable regulatory specifications; including, but not limited to the U.S. Department of Transportation and the Compressed Gas Association.

QC-18 Build to Print

Order shall be manufactured to technical files (drawings, specification, etc.) supplied with Purchase Order. Any deviation shall require written approval from Airborne Systems.

Unless otherwise specified on the purchase order, the drawing is the legal binding and controlling document for a part or assembly. At the request of the supplier and under the authorization of the Program Manager, 3-D models or electronic CAD file may be provided to facilitate fabrication processes. The supplier receives this "Reference" data with the understanding and acknowledge that all inspection shall be performed per the drawing requirements, any errors that result from the use of electronic CAD files will be the sole responsibility of the supplier.

QC-19 Government/Customer Property

This order includes Airborne Systems providing either Government or Customer furnished property to the seller. As a result there are specific controls required of the seller regarding this property and those requirements are defined in the attached Government/Customer Property Management Plan.

<http://airborne-sys.com/files/pdf/government-customer-property-management-.pdf>

QC-20 Small Business Plan

Seller shall comply with requirements of FAR 52.219-9 Small Business Subcontracting Plan. Information available at:

http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/52_215.htm#P1314_223740

QC-21 Oxygen Clean

Product shall be oxygen cleaned in accordance with drawing or specification requirements. Each shipment shall be accompanied by a signed certification or statement on the Certificate of Conformance that parts were cleaned in accordance with specification standards. All parts shall be packaged to maintain oxygen cleanliness and packaging shall be labeled to identify the parts as oxygen clean.

QC-22 First Article Inspection Required

A First Article Inspection (FAI) is required with delivery of product in accordance with AS9102.

QC-23 FOD Prevention

The seller shall establish and maintain a Foreign Object Debris (FOD) prevention program appropriate to the sensitivity of the product(s) on order. National Aerospace Standard NAS412 shall be the guideline used to assess compliance with this requirement.

QC-24 Software QA Plan

Seller shall establish and implement a Software Quality Assurance Plan to ensure that deliverable software and non-deliverable software used directly for the design, fabrication, inspection, test or service of deliverable articles is controlled and complies with the intent of SAE AS9115 for deliverable software and SAE ARP 9005 for non-deliverable software.

QC-25 Thread Inspection Report

All threads shown on the drawing must be 100% checked and verified by the seller using the specified NIST traceable and calibrated thread ring or plug gauges sets, using both GO and NO GO gauges. Seller shall furnish, with each shipment, a thread inspection report including drawing characteristic(s), inspection results, and gauge identification number(s).

QC-26 Heat Treat Approval

Heat Treat shall be verified on a lot basis in accordance with the requirements set forth in the applicable heat treat specification, evidence of this verification shall be provided to and approved by Airborne Systems on a lot by lot basis prior to continuing any additional work on the lot or order. The mechanical heat treat coupon testing, when called out on drawing, shall be performed and processed in accordance with the requirements of Airborne procedure 99-1863 "Coupon Testing Procedure for Approved Suppliers".

<http://airborne-sys.com/files/pdf/coupon-testing-procedure-for-approved-su.pdf>

Note: This clause or equivalent provisions shall be included in lower tier subcontracts.

QC-27 Counterfeit Part Prevention

Seller shall establish and maintain a Counterfeit Parts Prevention and Control Plan using Industry Standard SAE AS5553 as a guideline. Seller agrees and shall not delivery any counterfeit work. Seller shall immediately disclose to Airborne Systems if seller is aware or suspects any counterfeit work. Seller shall maintain documentation to authentic traceability of items to applicable Original Equipment Manufacturer or Original Components Manufacturer to the lowest level of separately identifiable items.

Note: This clause or equivalent provisions shall be included in lower tier subcontracts.

QC-28 Airborne Approved Process Suppliers

When any of the following special processes, Heat Treating, Welding, Surface Treatments (plating, anodizing, coating, etc.) Nondestructive Testing utilizing Radiographic (all wave types), Liquid Penetrant, Magnetic Particle, Ultrasonic, or Eddie Current Inspection, are required by Airborne Systems purchase order and engineering drawings / specifications, it shall be the Seller's responsibility to ensure that only Airborne approved Processing suppliers perform those Special Processes. Upon receipt of Airborne Systems purchase order, Supplier shall complete a "Supplier Special Processors Disclosure" form (Form No. 7.4.1.4-2) and submit the same to Airborne Purchasing Department with the PO acknowledgement.

<http://airborne-sys.com/files/pdf/supplier-special-processor-disclosure.pdf>

Note: This clause or equivalent provisions shall be included in lower tier subcontracts.

QC-29 Wood packaging

All natural wood packaging must be in conformance with the ISPM-15 International Standards for Phytosanitary Measures, "Regulation of Wood Packaging Material in International Trade". A copy of the standard can be found at:

https://www.ippc.int/static/media/files/publications/en/2014/06/30/ispm_15_2009_en_2014-06-16.pdf