



PURCHASE ORDER QUALITY REQUIREMENTS

The following Purchase Order Quality Requirements apply to every purchase order issued by Arrow Engineering. Additional requirements may apply in accordance with our customers' requirements as stated on the actual purchase order. Should you have any questions or require clarification, it is your responsibility to contact Arrow Engineering.

Purchase Order Quality Requirements apply as follows:

Material & hardware suppliers: Q1 thru Q11, Q19, Q20.

Processors & their sub-tiers: Q1 thru Q3, Q6 thru Q21.

Q1 INSPECTION SYSTEM REQUIREMENTS

The seller shall provide and maintain a system that complies with ISO9001, or AS9100 or other QMS appropriate to the product.

Q2 MRB AUTHORITY

Material Review Board Authority is not authorized on this purchase order. Immediate notification must be made, of any process or product discrepancy discovered or suspected after delivery, in writing to prevent further processing and/or delivery of nonconforming product to Arrow Engineering's customer(s).

Q3 CHANGES

The seller shall notify the buyer of any proposed changes in design, fabrication methods, or processes previously approved by the Buyer and/or Buyer's customer. Changed articles shall be clearly identified in a different manner from previous articles. When a proprietary item is procured by the Buyer, the Seller shall notify the Buyer of changes.

Q4 RAW MATERIALS

Raw Materials shall be accompanied with certifications, chemical and/or physical test results. The seller shall certify to the specific requirements defined on the face of the purchase order.

Q5 RAW MATERIALS USED IN PURCHASED ARTICLES

Results of tests performed on specimens or detailed analyses of Seller's acceptance test results on all raw materials that are required to satisfy specification requirements and which are employed in the fabrication of the articles purchased on a subcontract or purchase agreement shall be made available to the Buyer upon request.

Q6 AGE CONTROL AND LIMITED LIFE PRODUCTS

Seller records for age control/life limited products shall reflect useful life and when useful life is expended.

Q7 IDENTIFICATION AND DATA RETRIEVAL

PURCHASE ORDER QUALITY REQUIREMENTS

Revision Date: 11/18/16



Where and to the extent traceability is a specified requirement, the seller shall apply a unique identification to individual product, material or batches. This identification data shall be recorded on and traceable to related Seller records (see seller Records).

Q8 SELLER RECORDS

The Seller 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. These records shall be maintained for a minimum of thirty (30) years after final payment or as specified elsewhere in the purchase order. These records must be made available for review by request of Arrow Engineering, our customers and regulatory authorities in accordance with contract or regulatory requirements. See requirement(s) stated elsewhere in this order, for specific records to be forwarded to the Buyer.

Q9 INSPECTION AND TEST CHARACTERISTICS

Seller shall inspect and/or test as applicable, all characteristics defined by the purchase order, applicable drawing specifications, pertinent to the work that the Seller is responsible for performing.

Q10 RESUBMISSION OF NONCONFORMING ARTICLES OR MATERIALS

Non-conforming articles and materials returned by the Buyer and subsequently resubmitted by the Seller shall bear adequate identification of such nonconformance, either on the articles, materials or applicable Seller records. The Seller shall provide evidence that the cause for non-conformances have been corrected and actions taken to preclude any recurrence. Seller shall communicate immediately with buyer to notify them of any non-conformance and identify corrective action to be taken, whether or not item is returned to buyer.

Q11 BUYER QUALITY ASSURANCE ACTIVITY AT SOURCE

The Buyer and its customers, reserve the right to perform inspections and test on all articles, materials or services at all time and places. The Buyer and its customers also reserve the "right of entry" which shall allow the Supplier, Customer, or Regulatory agency to determine and verify the quality of work, records, and materials at any place, including the plant of the subcontractor.

Q12 GOVERNMENT SOURCE INSPECTION

When the government elects to perform inspection at the Sellers facility, the following requirement applies:

"All work on this order is subject to inspection and test by the Government at any time and place. The Government quality representative who has been delegated quality assurance functions on this procurement shall be notified immediately upon receipt of this order. The Government shall also be notified forty-eight (48) hours in advance of the time articles or materials are ready for inspection or test."

Q13 PROCUREMENTS OTHER THAN THOSE REQUIRING GSI



For procurements which do not require Government Source Inspection, the following requirement applies: "The Government has the right to inspect any or all of the work included in this order at the Seller's plant."

Q14 ITAR FLOWDOWN

If the order falls under the regulations of ITAR (International Traffic and Arms Regulations), all manufacturers, exporters, brokers of defense articles, defense services or related tech data are required to register with DDTC (Director of Defense Trade Controls). All license requirements imposed by ITAR are the sole responsibility of the subcontractor in possession of the purchase order.

Q15 CALIBRATION SYSTEM

The supplier and supplier subcontractors shall meet and maintain a Calibration System in compliance with Calibration System Requirements of ISO10012, ISO 17025 or ANSI Z540-1. All certificate(s) of calibration must reflect compliance and include as-received calibration results, adjustments and final calibration results and be traceable to NIST. Immediately notify Arrow Engineering if significantly out of tolerance conditions are found.

Q16 SELLER'S FLOW DOWN OF REQUIREMENTS

Supplier shall flow down requirements and/or key characteristics in the purchase documents to sub-tier suppliers as applicable. Arrow Engineering must have previous knowledge and approval of all (sub-tier) suppliers used for our product.

Q17 STATEMENT OF CONFORMANCE

Each shipment must be accompanied by at least one legible copy of a statement of conformance. This statement shall specify that all contractual requirements have been adhered to, including all specifications, documented proof of processing and/or material traceability (process certification, mill report, physical and or chemical test result, etc.) and other applicable documents, as cited in the purchase agreement, and that evidence is on file for review by a quality representative.

The statement of conformance must contain as a minimum: the part number, purchase order number, quantity, Arrow Engineering job number, relevant specifications with revisions, and contain the name, title, date and signature from the issuing company certifying the part.

Q18 TEMPORARY SHIPPING PROTECTION

Apply temporary protection on parts or assemblies to prevent damage during transportation (i.e. UPS, Fed X etc.).

Q19 DFARS

The Supplier certifies that all products supplied against the purchase order fully comply with the Bilateral Airworthiness Agreement (BAA) and/or DFARS Clause 252.225-7009.

See one of the following websites for a complete listing of authorized countries:

BAA:

www.faa.gov/aircraft/air_cert/international/bilateral_agreements/baa_basa_listing/

PURCHASE ORDER QUALITY REQUIREMENTS

Revision Date: 11/18/16



DFAR:

www.acq.osd.mil/dpap//dfars.html/current.tochtml.htm

Q20 DPAS

The DPAS provides that DoD contracts are assigned priority ratings to assure that these contracts are afforded production priorities for delivery ahead of unrated orders which includes commercial orders. Ratings are assigned to DoD contracts and enforced in both peacetime and war or emergencies. The contractor is obligated to accept the rated order, to schedule production operations to satisfy delivery requirements of each rated order, and to extend the priority rating to suppliers to assure that the item is delivered in the timeframe requested.

Q21 SPECIAL PROCESS SUPPLIERS

You must maintain NADCAP Certification and notify Arrow Engineering of any changes in approval status. You have been delegated process and inspection authority to ensure all applicable process and material specifications are met and documented accordingly. You are required, upon request, to demonstrate and provide evidence of your processes to planned results and establish arrangements for the processes including:

- Defined criteria for review and approval of the processes (qualification and approval of special processes prior to use)
- Approval of equipment and qualification of personnel
- Use of specific methods and procedures (control of the significant operations and parameters of special processes in accordance with documented process specifications and changes thereto)
- Requirement for records
- Revalidation