AWD STANDARD QUALITY PROGRAM REQUIREMENTS

For

ALL COMMERCIAL-OFF-THE-SHELF (COTS) PRODUCT

With

NO KEY CHARACTERISTICS OR ADDED INSPECTIONS/TESTS

25Q060
Rev. 1, (4/2011)
# STANDARD QUALITY PROGRAM REQUIREMENTS

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<td>Added packaging/labeling requirements (para. 6.8).</td>
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If the TAILORING box is checked, changes to the standard ATK requirement have been incorporated.

TAILORING

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STANDARD QUALITY PROGRAM REQUIREMENTS

Standard quality program requirements for distributors or original manufacturers of all commercial-off-the-shelf (COTS) products without key characteristics or additional ATK inspections/tests are defined in this section.

These standard requirements may be supplemented by an “ATK Inspection Procedure” document to incorporate changes necessary to maintain ATK compliance to external and internal customer requirements. This Addendum will be separately identified in the RFQ or PO. It will be provided to you by the ATK Buyer or instructions will be provided that enable you to retrieve it from an ATK website. Standard quality requirements in this document and any Addendum are in addition to the item-specific quality requirements contained in documents such as a specification or drawing. If a conflict exists among these documents, contact the ATK Buyer for resolution.

Your liability and responsibility for 1) performance to the TDP, 2) safety programs, 3) reliability programs, and 4) performance to the purchase order/subcontract is in no way abrogated by ATK or Government review and/or approval of or concurrence with any plan, program or document.

6.1 SCOPE

The manufacturer’s Quality System must comply with the requirements of ISO9001, an industry equivalent, or another quality system model that is appropriate for the product being supplied and is acceptable to ATK. Soldering and solder workmanship must meet the requirements of ANSI/J-STD-001C, Class 3 and IPC-610C, Class 3.

6.2 QUALITY SYSTEM AUDITS

ATK and the Government reserve the right to audit or examine the adequacy of a manufacturer’s or distributor’s quality program. If audited, the quality system will be evaluated to the requirements of ISO9001:2008 or other quality system model appropriate for the product being supplied and acceptable to ATK and evaluated to the requirements of the purchase order.

If significant discrepancies are found, a discrepancy report will be issued. You are required to provide your corrective action plans to ATK and to implement appropriate corrective action.

If discrepancies are found and documented by the Government in the form of a Corrective Action Request (CAR), you must forward a copy of the CAR to the ATK Buyer immediately upon receipt.

6.3 CONFIGURATION MANAGEMENT

The manufacturer must have a configuration management system implemented in accordance with a documented CM Manual/Plan that is available for ATK review.

6.4 PROCESS CONTROL

The use of Process Control as a means of achieving on-target and consistent process performance is required on this order. The manufacturer is encouraged to use SPC to optimize those processes that impact product quality and performance and to reduce overall cost.
6.5 MATERIAL CONTROL

6.5.1 Homogeneity

All parts within an inspection lot and delivered lot must be homogeneous. Homogeneous supplies are defined as material produced:

A) To the same design as defined by ATK and supplier documentation.

B) From the same material as defined by the applicable material specification. After material has been submitted to ATK the manufacturer may not change to alternate materials without prior written approval from ATK.

C) By the same manufacturing process as defined by the manufacturer’s Production Process Documentation and by being produced at the same manufacturing location.

D) Using material, products, special processes (such as metal finishing, heat treat, etc.) from the same suppliers. Changes in suppliers violate this requirement. ATK must be notified if you intend to change suppliers. ATK reserves the right to disapprove your supplier selection.

Bi-directional traceability of material must be documented and maintained throughout the production process to the extent required herein and by the TDP. Items found defective must be traceable to the place and time produced.

6.5.2 Certified Material Test Reports (CMTRs)

ATK reserves the right to request CMTRs for all materials with chemical and/or physical requirements specified on the individual drawings or in the ASTM/material specifications referenced on the drawings. CMTR’s must be submitted to ATK upon request and contain the following information:

A. Name and address of supplier (of the material).

B. Purchase order number (issued to the supplier) or lot identification.

C. Identification of material by specification/QAP, revision, and dates, together with type, grade, size, etc.

D. Quantity of material.

E. Actual test results identified by reference to applicable requirements. Blanket statements of conformance are not acceptable.

F. Quantity tested, sample size, and specimen type, as applicable.

G. Dated correspondence with a signature and/or title of the authorized representative of the supplier that is attesting to the accuracy of test report content.

6.6 PRODUCT CONFORMANCE VERIFICATION

You must perform, as a minimum, the examinations and tests in accordance with specifications, prints and all applicable provisions of the TDP. Before submitting product to ATK, it shall have been accepted under the terms of your inspection plan and meet the requirements of the purchase order.
Your inspection and test records must indicate the nature of the observation made and the number and type of deficiencies found. Data included in inspection and test records must be complete and accurate, used for trend analysis and used to assess corrective action effectiveness. Your calibration of measuring and testing equipment must meet the requirements of ANSI/NCSL Z540-1 or an industry equivalent acceptable to ATK.

6.7 RECORDS RETENTION

Quality records must be retained for six years after final payment against the purchase order and be made available for ATK review upon request.

6.8 PACKAGING REQUIREMENTS

6.8.1 Container Weight

Human-carried individual containers must have a gross weight of 25 lbs. or less and reusable palletized containers should be used whenever possible to minimize disposal costs. If existing packaging does not meet these requirements, you must provide justification to the ATK Buyer and obtain approval prior to delivery.

Human-carried packages exceeding 25 lbs. must be clearly labeled with the actual container weight and must have handhold cutouts to provide for proper ergonomic lifting as identified by U.S. Department of Labor, Occupational Safety and Health Administration.

6.8.2 Labeling

You must follow the “Standards Practice for Commercial Packaging,” ASTM designation number D3951-98, as a minimum, and apply the highest quality industry standards for packaging to ensure there is no degradation of material quality during shipping. In addition, each unit package and shipping container must be labeled with the following information:

- Name/description of item
- Item number and revision
- Supplier lot number and lot quantity
- Quantity per container and number of containers
- Supplier name
- Purchase order number