

Q2A – First Article Inspection (FAI) – AS9102

Note 1: A hard copy of this document may not be the document currently in effect. The current version is always the version on the Lockheed Martin network.

Note 2: The terms “Item,” “Items,” and “Work to the extent used in this Purchase Order (“PO”) all shall have the same meaning except that “Item” is singular; “Items” is plural; and “Work” is either depending upon the usage context.

- A. Seller shall establish and maintain internal processes for the accomplishment of each First Article Inspection (FAI) in accordance with AS9102. FAI's are to ensure delivered Items are in compliance with requirements of the purchase order of which this Quality Clause Q2A is a part (“PO”), unless otherwise noted below.
1. Evidence of part marking compliance (photo, replication) is not required. Items shall be marked per Engineering requirements and visually verified. Buyer's acceptance of FAI signifies Seller's compliance.
 2. Exceptions to AS9102 as noted on Table I will apply to the following:
 - a) simple sheet metal Items that:
 1. do not have contour,
 2. do not have full or pilot size holes from next assembly,
 3. are not interchangeable or replaceable (I/R),
 4. do not have “drill to match” holes, and
 5. do not have Buyer furnished Control Tooling; and,
 - b) simple machined Items that:
 1. do not have full or pilot size holes from next assembly,
 2. are not interchangeable or replaceable (I/R),
 3. do not have “drill to match” holes; and,
 4. do not have Buyer furnished Control Tooling.

TABLE I

For Items identified in paragraph A.2.a and A.2.b above, the following paragraphs and/or associated fields on applicable forms do not apply:

AS9102 Paragraph	Form / Block	Comments
6.2 3a – 3e	1 / 3a – 3e	No entries required
6.2 4a – 4h	1 / 4a – 4h	No entries required
6.4 2d	2 / 2d	No entries required
6.4 3b	2 / 3b	Provide QCS-001 certs as required (NDT, material age, chemical processing)
6.7 1f	3 / 1f	Entries for “Other, Date, and Case Records” as required.

Copies of AS9102 may be obtained from Society of Automotive Engineers at: www.sae.org.

- B. Distributors that procure Buyer designed Items must ensure that manufacturer has performed FAI and that documentation is available upon request.
- C. Unless otherwise set forth in this PO, FAI applies to the first Item or lot of end Items, sub-assemblies and detail Items. The following items shall not require FAI, unless otherwise directed by Buyer:
 - 1. standard hardware and electronic piece parts (AN, MS std. hardware, etc.),
 - 2. items procured to a vendor part number,
 - 3. Commercial Off the Shelf (COTS) items,
 - 4. metallic and non-metallic raw materials; and,
 - 5. engineering models, design/concept prototypes and production Item numbers delivered for non-production applications (such as qualification testing)
 - 6. Items that have been manufactured and delivered to the U.S. Government where Seller has objective evidence of either:
 - a . A FAI performed for the U.S. Government to the same configuration as required by this PO, or
 - b . Documented U.S. Government acceptance to the same configuration as required by this PO
 - 7. Items that are non-production spares for an after-market program or programs.

For machined Items, dimensional verification shall be made prior to hand blending or application of finish.

- D. Seller shall establish a FAI schedule and notify Buyer a minimum of 5 days in advance of performing FAI's, including without limitation, "progressive" FAI tasks, so that Buyer may make arrangements to witness the FAI.
- E. When any engineering change that affects form, fit, function, safety, or reliability is incorporated into the Item, Seller, without further direction from Buyer, shall perform partial or full FAI as required by AS9102.
- F. Seller shall ensure discrepancies and non-conformances, if any, discovered during the FAI are documented and dispositioned by the appropriate Material Review Board (MRB) actions, (Seller's MRB for Seller design and Buyer's MRB for Buyer design). Seller's rejection documentation, Buyer's/Seller's dispositions, and Seller's corrective action shall become part of the FAI report.
- G. Forms shown in section 6 of AS9102 shall be used to document results of the FAI, unless otherwise noted herein. Such forms may be generated by any media; however, they must contain all the information required on the forms shown. All fields must be addressed but may be marked as "not applicable" (N/A) if appropriate.
- H. Seller shall present complete FAI documentation records to Buyer's Procurement Quality Assurance Representative for validation with the submittal of first lot of Items for acceptance and, if requested by such Representative, for subsequent lots.
- I. Seller shall maintain documentation of FAI results on each deliverable end Item for the period specified by this PO. Seller shall provide to Buyer, within 48 hours of a request by Buyer, a complete copy of FAI reports at no increase in the cost, price, or fee of this PO.

- J. Seller shall notify Buyer a minimum of 5 days in advance of any changes identified in AS9102 paragraph 5.2 affecting items delivered under this PO. Buyer reserves the right to request Seller to perform a complete or partial FAI at no increase in the price or fee of this PO to ensure that the changes have had no adverse affect on items delivered under this PO. Documentation of complete or partial FAI's accomplished as a result of such changes shall be presented to Buyer's Procurement Quality Assurance Representative with Seller's first submittal of new configuration Items for acceptance.