

Q2A – First Article Inspection (FAI) – AS9102

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.

The terms “Item”, “PO”, “Buyer” and “Seller” used herein have the same meaning as “Work”, “Contract”, “Lockheed Martin” and “Seller”, respectively, as may be defined in another provision of the Purchase Order (PO) of which this Quality Clause Q2A is a part.

1. PURPOSE:

The purpose of First Article Inspection (FAI) is to validate (1) Seller’s product realization processes are capable of producing parts and assemblies that meet all engineering and design requirements, and (2) those processes are stable and repeatable. A well planned and well executed FAI will provide objective evidence that Seller’s processes can produce compliant product and Seller understands and has incorporated all product requirements.

2. SCOPE:

- A. The requirements of this Quality Clause and AS9102 are applicable in full to the PO. The requirements of AS9102 are also applicable to all lower-level detail parts which comprise the part on the PO. This includes parts manufactured, processed, assembled, tested or inspected at sub-tier suppliers.
- B. Copies of AS9102 and the FAI forms may be obtained from the Society of Automotive Engineers at www.sae.org/aagg/publications.
- C. References to AS9102 in this document refer to the revision in effect at the time of the PO. Seller may work to the latest version of AS9102, if desired, at no additional cost, price or fee to the PO.
- D. In the case of a conflict between AS9102 and this Quality Clause, th1 319.61 312.53 Tm[Q]-4(ua)3(-e1(an)3(d

requirements. This includes both the design and acceptance criteria (e.g., 3D solid models, CATIA, etc.).

Sub-Tier Supplier – For the purposes of this Quality Clause, sub-tier supplier shall include all entities that perform manufacturing, assembly, testing and inspection work for Seller, including, but not limited to, sub-tier suppliers at all levels, subcontractors, special processors, feeder plants, other Seller manufacturing sites, partners, etc.

4. Engineering models, design/concept prototypes, etc.
5. Items that have been manufactured and delivered to the U.S. Government where Seller has objective evidence of an FAI performed in accordance with AS9102, unless otherwise approved in writing by Buyer, within the last two (2) years from the date of the PO to the same configuration as required by the PO. If Seller or the U.S. Government are experiencing nonconformances, Buyer may require Seller to

- O. Buyer reserves the right to require Seller to perform a partial or full FAI at no additional cost, price or fee to the PO.

5. DETAILED REQUIREMENTS OF SELLER:

- A. FAI Planning:

B. FAI Entrance Criteria:

FAI documentation requirements begin when FAI planning begins. Once the following are met, Seller shall begin the FAI:

1. Engineering (e.g., drawing, specifications, DPD, etc.) is released by Buyer.
2. Seller Acceptance Test Procedures (ATP) have been approved by Buyer, if required.
3. Seller Manufacturing Plans for Critical Items have been approved by Buyer, if required.
4. Buyer's assigned SQE has been notified in writing of the beginning of the FAI process (reference paragraph 4.A).

C. FAI Process:

1. Complete FAIs for all detail parts, sub-assemblies and subcontracted components and special processes. Document these FAIs in accordance with AS9102 and this Quality Clause.

