

GENERAL DYNAMICS

Ordnance and Tactical Systems

Weapons Systems Supplier Quality Requirements Site 21-Quality – Williston VT / Saco ME

| Quality Clause | Revision | Phase In Date |
|----------------|----------|---------------|
| Q109 | 0 | 04/03/2019 |

Q109–First Article Inspection (Fwd to GD-OTS)

Requirements

First Article Inspection Report (FAIR) submittal and approval is required prior to the first shipment. GD-OTS approval of the FAIR locks the process and it shall not be modified without written approval by GD-OTS in advance. For SEP suppliers the more restrictive requirement of QSP-INS-53.13 or Q109 applies. FAI will be performed on a part from the initial production lot provided by the supplier.

A first article inspection report containing a recording of the actual readings on 100% of all characteristics and notes of the drawing/specification on five parts shall be forwarded to GD-OTS. (If specified by drawing or special process spec that dimensions apply AFTER finish, then five finished parts shall be forwarded to GD-OTS. If dimensions BEFORE finish (e.g. phosphate) or if unspecified when dimensions apply, forward five finished parts AND five unfinished parts with the first shipment. If parts are ordered unfinished, then forward five unfinished pieces with the first article inspection data.)

Any modifications to these requirements shall be specified within the Purchase Order.

Clarifying information and instructions:

- 1) AS9102 forms, or equivalent, shall be used to document the results of the first article inspection as required in the specification. These forms may be generated by any media, but must contain all the information required by AS9102.
- 2) Report actual dimensions/results for all characteristics as well as applicable drawing notes.
- 3) Multi-cavity molds/dies require each cavity to be qualified.
- 4) The supplier shall forward the FAIR along with applicable material or test data/certifications (e.g., NDT, painting, plating, composition, X-ray, functional testing, etc.) with the lot.
- 5) The supplier is required, unless permission is granted contractually, to use the same unit of measure as specified in the technical data package when reporting inspection.
- 6) A representative of the supplier's Quality Department shall review, sign, and date the report. Following GD-OTS review and approval of the initial FAIR, resubmission is required in the event of changes as delineated in QSP-TMP-10.0.1 with the exception of lapse in production period which is defined in this clause. QSP-TMP-10.0.1 is available through the GD-OTS Supplier Portal (https://www.secure.GD-OTS.com/main/sign_on.asp). Always reference the online document for current requirements.

Printed copy for reference only.

For current version, see: www.gd-ots.com/Williston/QC/

Exception to QSP-TMP-10.0.1 for lapse in production - a lapse in production greater than 90 days will require a new FAI. Contact the Buyer and SQE prior to exceeding the 90 day window and prior to submitting the FAI.

A FAIR is required for all products except for the following:

- 1) standard catalog items (ref. AS9102 Standard Catalog Hardware, FAR 2.101 Commercial Item definitions);
- 2) raw material; or,
- 3) product covered by a military/industry standard or specification.

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