

# GENERAL DYNAMICS

Ordnance and Tactical Systems

## Seattle Supplier Quality Requirements

Quality Note
[5.56]

Revision	Date
-	05/16/2012

### FIRST ARTICLE INSPECTION (FAI) – 180 DAYS

#### REVISION HISTORY

REV.	EFFECTIVE DATE	NOTES
-	05/16/2012	Initial Release
The applicable revision of this document is determined by: <ul style="list-style-type: none"><li>• The revision specified on the purchase order, or</li><li>• The revision in effect at the time of the purchase order if no revision is listed on the purchase order.</li></ul>		

#### REQUIREMENTS

The supplier shall complete one FAI report for each revision of the GD-OTS or customer drawing unless this requirement is waived by written authorization from GD-OTS (include a copy of the waiver with the shipping paperwork) or FAI is not required per the criteria below. First article inspection shall be on a single completed article that is clearly labeled as the “first article”. First article inspection shall be performed in accordance with AS9102 using form AS9102 or equivalent documenting the inspection or test of all drawing(s) characteristics and notes . When applicable, first articles shall be identified to show which tool-serial number or cavity number was used (if more than one cavity is used, submit a FAI report for each cavity). If the supplier has produced this item within the past 180 days, the drawing revision/supplier processes and equipment has not changed or no other FAI trigger event as shown below has occurred, a FAI report is not required. GD-OTS shall be notified as soon as any of the following conditions occur or are planned to occur to determine if a supplemental FAI is required:

- i) First production run.
- ii) A change in design affecting fit, form, function or interchangeability of the part.
- iii) A change in the manufacturing source(s) or location(s) and/or buildings/facilities.
- iv) A change to manufacturing planning or process flow.

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- v) A change to manufacturing tooling, test equipment or inspection tooling (including replacements).
- vi) A change to materials used or consumed in fabrication.
- vii) Prolonged shutdown of normal manufacturing operations exceeding 180 days.
- viii) A change in numerical control manufacturing or inspection program or translation to another media.
- ix) Lapse in production of the specific item being produced exceeding 180 days.
- x) A natural or man-made event which may adversely affect the manufacturing process.
- xi) As requested by Quality.

**[5.56.A]** GD-OTS shall be notified by email at [source@gd-ots.com](mailto:source@gd-ots.com) 5 days prior to the FAI. Include the following in the first article inspection request email: purchase order number, line item number, part name, part number, and quantity. GD-OTS shall witness and approve all FAI's performed unless written authorization (email is acceptable) waiving this requirement is received. Specific GD supplied FAI forms may be used. Customer and government source witness and/or approval of FAI may also be required. Contact GD-OTS QE for requirements.