

# GENERAL DYNAMICS

Ordnance and Tactical Systems

## Seattle Supplier Quality Requirements

Quality Note
[3.17]

Revision	Date
-	05/16/2012

### COUNTERFEIT ELECTRONIC PARTS; AVOIDANCE, DETECTION, MITIGATION, AND DISPOSITION (GOVERNMENT CONTRACTS)

#### REVISION HISTORY

REV.	EFFECTIVE DATE	NOTES
-	05/16/2012	Initial Release

The applicable revision of this document is determined by:

- The revision specified on the purchase order, or
- The revision in effect at the time of the purchase order if no revision is listed on the purchase order.

#### REQUIREMENTS

##### **[3.17.A] ASSEMBLY/EQUIPMENT/SYSTEM PROVIDERS**

The supplier shall ensure that only new authentic materials are used in products delivered to GD-OTS. The supplier may only purchase parts directly from Original Component Manufacturers (OCM). OCM franchised distributors, or authorized aftermarket manufacturers. Use of product that was not provided by these sources is not authorized unless first approved in writing by GD-OTS. The supplier must present compelling support for its request (e.g., OCM documentation that authenticates traceability of the parts to the OCM), and include in its request all actions to ensure the parts thus produced are authentic/conforming parts.

The supplier shall maintain a method of item traceability that ensures tracking of the supply chain back to the manufacturer of all Electrical, Electronic, and Electromechanical (EEE) parts included in assemblies and subassemblies being **delivered per this order**. This traceability method shall clearly identify the name and location of all of the supply chain intermediaries from the manufacturer to the direct source of the product for the seller and shall include the manufacture's batch identification for the item(s) such as date codes, lot codes, serialization,

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or other batch identifications.

Product Impoundment and financial Responsibility: If counterfeit Parts are furnished under this purchase agreement, such items shall be impounded. The supplier shall promptly replace such items with items acceptable to GD-OTS and the supplier may be liable for all costs relating to impoundment, removal, and replacement. GD-OTS may turn such items over to US Government authorities for investigation and reserves the right to withhold payment for the items pending the results of the investigation.

#### **[3.17.B] INDEPENDENT DISTRIBUTORS:**

The supplier shall establish and implement test and inspection activities necessary to assure the authenticity of purchased product, including: traceability and documentation verification, Visual examination and other test and inspection activities as applicable (reference Appendix E of Aerospace Standard AS5553 see below).

- A) Inspection for evidence of remarking or resurfacing
- B) X-ray inspection
- C) X-ray fluorescence
- D) Destructive
- E) Destructive physical analysis
- F) Thermal cycle testing
- G) Electrical testing
- H) Burn-in
- I) Hermeticity verification (fine and gross leak)
- J) Other tests that may be helpful in detecting counterfeit parts. (e.g. scanning acoustic microscopy, for example, may be used to detect original laser-etched part numbers under a resurfaced and remarket part).

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