

Q117 EEE Parts Source Control

Scope: Requirements on suppliers and distributors of Electrical, Electronic, and Electromechanical (EEE) parts and components being supplied to Aerojet Rocketdyne as Commercial-Off-The-Shelf (COTS) or unique part numbers as either individual components or in assembled products.

Application: All procurements and deliverables of EEE parts to Aerojet Rocketdyne where this quality clause is invoked, whether embedded in an end item or sold as an individual component. This quality clause does not supersede any design specification or drawing that is part of the purchase order.

Requirements: All Suppliers

Suppliers shall maintain a method of item traceability that ensures tracking of the supply chain back to the manufacturer of all EEE parts being delivered per this order. This traceability method shall clearly identify the name and location of all supply chain intermediaries from the manufacturer to the direct source of the product for Aerojet Rocketdyne and shall include the manufacturer's batch identification for the item(s) such as date codes, lot codes, serializations, or other batch identifications. This traceability requirement applies to new purchases of material, material in inventory and material transferred from other business units of the supplier. If this traceability is unavailable or cannot be provided, Aerojet Rocketdyne shall approve this exception in writing at the time of purchase order.

Upon identification of suspect or confirmed fraudulent/counterfeit EEE parts, either shipped or upon receipt of the item, the supplier shall provide timely notification to Aerojet Rocketdyne within 48 hours of discovery. In addition the Supplier shall:

- 1) Physically identify the parts as suspect/fraudulent/counterfeit product (e.g., tag, label, mark).
- 2) Physically segregate the parts from acceptable non-suspect parts and place in quarantine. Quarantine should consist of physical barriers and controlled access.
- 3) Do not return the parts to the source of supply for refund, replacement, etc., except under controlled conditions which would preclude resale of the suspect fraudulent/counterfeit parts into the supply chain, and to allow the source to conduct internal investigation.
- 4) Confirm the authenticity of the parts. This may include further part-level testing, communications with the component's/part's supposed OCM, third-party analysis, etc.
- 5) Report fraudulent/counterfeit parts to the reporting service organizations listed herein and to investigative authorities and law enforcement agencies (as applicable).

The sources named below are provided for informational purposes only. Their inclusion in this list is not a guarantee of their interest, capability, or readiness to respond.

- a) Government Industry Data Exchange Program (GIDEP) (<http://www.giddep.org>)
- b) ERAI (www.era.com)
- c) IDEA (Independent Distributors of Electronics Association) (<http://www.idofea.org/>).

Supplier Designed / Source Controlled Items Containing EEE Parts:

Suppliers of source controlled / supplier designed for Aerojet Rocketdyne products that contain EEE parts shall have a counterfeit parts prevention program that is in compliance with SAE International Standard AS5553 (latest revision). Where EEE parts cannot or will not be obtained from the Original Component Manufacturer (OCM) or authorized / franchised distributor then the requirements of SAE AS6081 (latest revision) shall be applied. This requirement shall be flowed to all sub-tier suppliers of components and products thereof as appropriate, including COTS parts that are not obtained from the OCM.

Suppliers of Assemblies / Components Built to Aerojet Rocketdyne Designs Containing EEE Parts:

Suppliers shall ensure that only new and authentic products are delivered to Aerojet Rocketdyne. Suppliers shall endeavor to first purchase parts directly from OCMs, OCM authorized / franchised distributors, or authorized aftermarket manufacturers or from suppliers who obtain such parts exclusively from the OCM or their authorized suppliers with OCM traceability. Supply of product that was not provided

by these sources is not authorized unless first approved in writing by Aerojet Rocketdyne. This requirement shall be flowed to all sub-tier suppliers of components and products thereof as appropriate, including COTS parts that are not obtained from the OCM.

Authorized / Franchised Distributors of EEE Components:

Authorized / franchised distributors covenants, warrants, and represents that it has effective contractual agreements in place with each manufacturer whose product(s) it is procuring to sell to Aerojet Rocketdyne.

Authorized / franchised distributors shall:

- 1) Only ship products to Aerojet Rocketdyne that have been procured directly from the manufacturer.
- 2) Not ship products to Aerojet Rocketdyne that has been procured from any other source without prior written consent from Aerojet Rocketdyne.
- 3) Be considered an unapproved independent distributor for products procured from other sources.

Aerojet Rocketdyne reserves the right to reject any and all requests for approval, and require additional verification and testing of products.

Deliverables:

Supplier shall approve, retain, and provide copies of EEE manufacturer certificates of conformance (CoC) when available. In no case shall the manufacturer's certificate be altered or show signs of alteration.

Manufacturer CoCs shall, at a minimum, include the following:

- a) Manufacturer name and address
- b) Manufacturer and/or customer's part number and dash number
- c) Batch identification for the item(s) such as date codes, lot codes, serializations, or other batch identifications
- d) Signature or stamp with title of manufacturer's authorized personnel signing the certificate

Where manufacturer CoCs are not available, the supplier shall provide a signed and dated CoC with the following statement to Aerojet Rocketdyne:

"<SUPPLIER> hereby attests that the parts provided under this purchase order are new and authentic and have not been salvaged, reclaimed, otherwise used, or previously rejected for any reason. This statement is based on rigorous supplier selection practices, supplier assurance practices, and tests and inspections of the specific parts supplied that are designed to prevent the supply of fraudulent / counterfeit parts."

Distributor certificates for individual EEE items shall state that the products have been procured and handled in accordance with the manufacturer's recommendations and include as a minimum the following:

- a) Manufacturer's name address
- b) Part number
- c) Name and address of the customer
- d) Quantity of the parts in the shipment
- e) Lot date code, as applicable
- f) Latest re-inspection date, if applicable
- g) Signature and date of transaction. An authorized signatory assigned by a corporate officer with responsibility for the product quality and reliability or their documented designee

Suppliers shall maintain copies of certificates with lot records until the lot is completely shipped.

The supplier shall maintain the product and shipment traceability as specified in purchase contract in accordance with other record retention requirements of the purchase order.