



Q-CODE Q45G QUALITY REQUIREMENTS

ACCEPTANCE OF COMPONENTS FOR DRS PROGRAM

The following are the quality requirements for product purchased under Q-Code Q45G. These requirements are specific to our customer Leonardo DRS Naval Power. Unless a written waiver is received from Plexus, the supplier agrees to abide by the quality requirements listed below. This includes but is not limited to:

- Granting the right of access to the supplier's facilities and all applicable records to Plexus, their customer Leonardo DRS Naval Power and regulatory authorities with the acceptance of the Purchase Order
- Flow down all applicable requirements to sub-tier suppliers including key characteristics
- Retention of all records for a minimum of 7 years that support the manufacturing or material per the requirements of this Plexus customer.

ALL SHIPMENTS

SHIPMENTS AND HANDLING OF EXPORT CONTROLLED ITEMS, DATA, OR SERVICES

The Supplier agrees to comply with The Arms Export Control Act, 22 U.S.C 2751-2794, the International Traffic in Arms Regulation (ITAR), 22 C. F. R. 120 - 130, the Export Administration Act, 50 U.S.C. app 2401-2420, and the Export Administration Regulations, 15 C.F.R. 730-774 for this product, all specifications, and associated documentation. This includes, but is not limited to:

- Export controlled items, data, services, or any element thereof, shall not be exported from the United States without U.S. Government authority and the express written authorization of a Plexus ITAR Empowered Official.
- Export controlled items, data, or any element thereof, shall not be transferred or disclosed to foreign persons including transfer to foreign persons employed by or associated with, under contract to Sub-tier suppliers including transportation carriers.
- Import licenses will be provided with all shipments where applicable.

PROHIBITED MATERIALS

Unless specifically called out by DRS-CCI procurement documents or approved drawings, the material listed in Table 1 below shall not be used in the manufacturing of items delivered to DRS-CCI.

Exceptions can be requested via the Plexus deviation process.



Table 1: Prohibited Materials

ADHESIVE TAPE	CORK	POLYCHLORINATED BIPHENYLS (PCBs)
ALUMINUM ELECTRICAL CONDUCTING WIRE	CORROSION INHIBITORS	POLYVINYL CHLORIDE (PVC)
ALUMINUM ALLOY	FLAMMABLE MATERIALS	RADIOACTIVE MATERIALS
ANTIMONY AND ALLOYS	FRAGILE OR BRITTLE MATERIALS	SELENIUM
ASBESTOS	FREON SOLVENTS	SILICONE
BARIUM	LEAD AND ALLOYS	SILVER
BISMUTH AND ALLOYS	LIQUID MASKING MATERIALS (FOR ELECTRICAL CONNECTORS AND SOCKET MOUNTED COMPONENTS)	TEFLON
BORON TRIFLUORIDE	LITHIUM	THERMAL COMPOUND (FOR ELECTRICAL CONNECTORS AND SOCKET MOUNTED COMPONENTS)
BRASS WITH Pb >1%	LOW DUCTILITY MATERIALS	THIOSULFATE
BRONZE WITH Pb >1%	LOW MELTING POINT METALS	TIN AND ALLOYS
CAST IRON AND CAST ALUMINUM	MAGNESIUM	ZINC, ALLOYS AND CHROMATES
CADMIUM AND CADMIUM PLATING	MERCURY AND MERCURY COMPOUNDS	ZINC PLATING, GALVANIZING, HEXAVALENT CHROMIUM AND PLASTIC COATINGS
CHROMIUM % CHROMIUM COMPOUNDS (INCLUDING HEXAVALENT CHROMIUM)	OZONE DEPLETING SUBSTANCES	

All Shipments

The documentation and quality requirements for the initial shipment and/or the first shipment after any changes have been made, are as follows:

- A. Certificate of Compliance - Must include a statement of overall compliance to all the applicable specifications (statement is not required to list, but shall cover all the applicable specifications such as: drawing, PO, customer specifications, Plexus G9000- 3, IPC Specification, etc.). CoC must also include for traceability:
 - a. Name of Supplier (if different than the actual Manufacturer/OEM/OCM).
 - b. Name of Manufacturer/OEM/OCM.
 - c. Manufacturer's/OEM's/OCM's Part Number.
 - d. The Manufacturer/OEM/OCM Lot number and/or Date Code (both are preferred, but Date Code at a minimum) for each shipment - shipping of mixed date codes must be segregated to have only one date code per reel or packaging.
 - e. Location or place of manufacture.
 - f. For the product/part with a shelf life, the manufacturer or cure date, batch number, the shelf life and expiration date must be included (note: the remaining shelf life must be greater than 80% of the stated shelf life). Any special handling and/or storage requirements must also be included.
 - g. Plexus part number and Plexus purchase order number.
 - h. All recorded measurements must include unit of measure, inches is preferred.
 - i. EC level or Revision level as specified on the PO for the Plexus Part Number ordered.
 - j. PO number
- B. With the exception of distributors, all test and inspection records provided with shipment shall have the following statement on the document: "The recording of false, fictitious or fraudulent statements or entries on this document may be punishable as a felony under Federal Statute."



- C. Packaging and Labeling - all cartons, required documentation, labels, packaging and packing slips must have the Plexus part number, EC level or Revision (if applicable), date code(s), quantity and PO number listed on them.

The above listed required documentation must be submitted with each shipment. Shipments received without the proper execution and completion of these Quality Requirements is considered non-conforming and Plexus reserves the right to return to the supplier at the supplier's expense.

PRODUCT CHANGE NOTIFICATION

Product or Process change notification (PCNs) shall be submitted to pcns@plexus.com, please reference the details of our PCN policy and requirements in the Plexus Supplier Quality Manual, [DCS 10503](#).

REVISION HISTORY

REV	RELEASE DATE	ORIGINATOR	DESCRIPTION OF CHANGE(S)	REASON FOR CHANGE(S)
A	06-Feb-2024	Jorge Irizarry	New - Initial Release	Specific requirements for 20H Prohibited materials.
B	18-Apr-2024	Jorge Irizarry	Added to the prohibited materials list.	Customer added to the prohibited materials list.