



SUPPLIER QUALITY ASSURANCE REQUIREMENTS FORM QD0004

1. GENERAL REQUIREMENTS

A. ISO 9001

The supplies on this order must be controlled under an Inspection System that conforms to all requirements of ISO 9001 Quality Management Systems Requirements. Upon due notice, Custom Electronics, Inc. reserves the right to perform an on-site survey of the supplier's system at any time during the duration of the Purchase Order. Failure of the supplier to maintain an adequate Inspection System may be cause to remove the supplier from the Custom Electronics, Inc. Approved Supplier Listing.

B. MATERIAL REVIEW BOARD AUTHORITY

The supplier has no authority to disposition any non-conforming material when the non-conformances are for visual, mechanical and test parameters/characteristics defined by Custom Electronics and/or Government Specifications. Only formal M.R.B. at Custom Electronics, Inc. can accept these non-conformances. Supplier must notify Custom Electronics, Inc. immediately of any rejection that will affect the scheduled delivery of product.

C. CERTIFICATE OF CONFORMANCE

Each shipment must be accompanied by a certification stating that the items were produced from materials on which the seller has available for examination, specific data or other objective evidence of conformance to applicable specifications. The certificate must contain the signature/stamp, date, and title of an authorized representative of the seller. Data supporting this Certificate of Compliance must be retained for a minimum of 10 years, by the supplier.

D. FLOWDOWN OF QUALITY REQUIREMENTS TO SUPPLIER AND SUPPLIER'S SUBCONTRACTORS

Suppliers shall ensure all customer, statutory, and regulatory requirements are met. The supplier shall also flow down to their suppliers, all applicable requirements of this document.

E. MERCURY CONTAMINATION

Materials supplied on this purchase order are required to be free of mercury contamination.

F. RIGHT OF ENTRY

- I. CEI, our customers and the Government reserve the right to inspect, at the source, supplies or services at the supplier's facility.
- II. If required by Purchase Order, the supplier shall provide copies of Purchase Orders directly to the Government facility providing oversight.

G. CHANGES TO DESIGN, MATERIALS OR PROCESSES

Suppliers may not make any changes to design, materials or processes without notifying and obtaining the approval of Custom Electronics, Inc.

2. CHEMICAL AND PHYSICAL TEST REPORTS (When applicable)

Each shipment must be accompanied by chemical and physical test report(s) identifiable with materials submitted. The report(s) must contain the signature and title of the authorized representative of the agency performing the test, and must assure conformance to specification requirements.

3. ESD CONTROL (When applicable)

If Material on this order is subject to damage by ESD, it must be handled and packaged in accordance with MIL-STD-1686 and/or ANSI/ESD S20.20, and it must be manufactured in accordance with DOD-HDBK-263 guidelines.

4. SOLDERABILITY

Components/materials supplied on this order which are to be soldered at a higher level of assembly shall be capable of passing a solderability test in accordance with ANSI/J-STD-002.

5. PREFERENCE FOR DOMESTIC SPECIALTY METALS (PER DFARS 252.225-7008 and DFARS 252.225-7010)

Any special metals used in components delivered on this Purchase Order must have been smelted in the United States, its outlying areas, or a qualifying country listed in DFARS 225.872-1.



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6. PROHIBITION OF PURE TIN

The use of pure tin plate finishes is strictly forbidden. Any tin plating or tin soldering process shall contain no less than 3% lead unless specifically authorized by the Purchase Order or the component/material specification.

7. RoHS AND REACH COMPLIANCE

A. RoHS

The European Union (EU) has adopted Directive 2002/95/EC on the Restriction of the Use of certain Hazardous Substances, also known as RoHS, which became effective July 1st, 2006.

This directive restricts the use of six hazardous materials in the manufacture of various types of electronic and electrical equipment. The six hazardous chemicals are as follows: Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr⁶⁺), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ether (PBDE).

CEI manufactures both RoHS compliant and non-RoHS compliant products and as such we order specific components/materials to meet specific requirements. **Unless specifically ordered, CEI does not want the RoHS compliant version of the components/materials.**

We will appreciate your immediate attention in this matter. If, for some reason, you cannot continue to send us non-RoHS products, please let us know as soon as possible so that we may plan an alternate course of action.

B. REACH

The European Union (EU) has adopted regulation no.1907/2006, also known as the REACH (Registration, Evaluation and Authorization of Chemicals) regulation, which became effective June 1st, 2007.

REACH requires actors in the supply chain to identify the presence of Substances of Very High Concern (SVHC) identified on the Candidate List maintained by ECHA. It is planned that this Candidate List will be updated on a regular basis and at least annually. **In accordance with Article 33 of REACH, suppliers of articles must communicate the presence of any Candidate List substances present in the articles at a concentration of >0.1% by weight.** ECHA defines an article as an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.

Please review the updated SVHC Candidate List of substances can found at the URL below.

http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp

CEI requires that all suppliers understand and comply with REACH. If you have questions regarding the requirements of REACH, please visit the European Chemicals Agency website at http://ec.europa.eu/echa/reach_en.html