



intervala

SUPPLIER FLOW DOWN
REQUIREMENTS

FD1 Shelf Life

Materials that have a limited life shall be marked with the date of manufacture and expiration date or useful life. This material shall have 80 percent of the useful life remaining when received unless authorized by the Buyer. If the product does not meet the 80% life, Intervala will determine whether the material will be accepted. Chemical materials shall be accompanied by a current revision of the Safety Data Sheet (SOS).

FD2 Printed Circuit Board or Printed Wiring Board

- 1 Date of Manufacture: All boards delivered must be marked with the manufacturing date code.
- 2 Packaging: All boards must be packaged in a manner that protects against damage and moisture. Boards must be vacuum packed with a desiccant package and humidity indicator card. When feasible a slip sheet between each board should be added.
- 3 Documentation: The supplier must provide the following:
 - A One unmounted coupon
 - B One full panel solder sample board
 - C Test data
 - D Any Buyer approved deviation or engineering change request
 - E Certification of Conformance
- 4 Bright Tin Finish: Bright tin finishes are prohibited on any product unless approved by the Buyer.
- 5 X-Outs: X-Outs are prohibited on any product unless approved by the Buyer.

FD3 Certification of Compliance CofC

A certification of compliance shall be supplied with each shipment of material supplied against this Procurement Document. The certification shall contain:

- 1 Responsible Individual: The form must have the signer's printed name, job title, be signed and dated by the responsible person certifying the compliance from the Supplier
- 2 Identification of Items: The Intervala Part Number, Purchase Order Number, lot/ date code number, quantity, and serial number as applicable
- 3 Statement of Compliance: The document shall certify that the material meets all applicable Buyer specification requirements or military/industrial specification requirements.

FD4 Test Data

Test Data shall be supplied with each shipment of material supplied against this Procurement Document.

FD5 Workmanship Customer 1

Please request workmanship standard of 'Customer1'.

FD6 Workmanship Customer 2

Please request workmanship standard of 'Customer 2'.

FD7 Workmanship Customer 3

Please request workmanship standard of 'Customer 3'.

FD8 Workmanship Customer 4

Please request workmanship standard of 'Customer4'.

FD9 ITAR Compliance

The Supplier shall adhere to the ITAR compliance requirements for performing work or service involving ITAR compliance. In accordance with ITAR 22 C.F.R. 120-130 International Traffic in Arms Regulation, all documents identified as ITAR controlled shall be identified and maintained in Document Control. Documents identified as ITAR controlled shall be viewed only by a U.S. PERSON. A U.S. PERSON means an entity that is: a U.S. Citizen or a Legal Resident, or U.S. organization incorporated to do business in the United States. Seller shall utilize (FTP) File Transfer Protocol when transferring ITAR documents to the Buyer. Seller is required to fill out an ITAR questionnaire supplied by the Buyer and when requested produce a copy of the ITAR registration letter issued by the State Dept.

FD10 Source Inspection

The material must be inspected by a Intervala representative prior to shipment.

FD11 First Article Inspection Required

First Article Inspection (FAI) must be done on the initial build per AS9102 requirements (Forms 1, 2 & 3) and entire data package supplied to Intervala for approval.

FD12 Raw Material Traceability

Raw Material certifications must show traceability to the manufacturers of the raw material including the original material sources, any thermomechanical processing, heat treatments, chemical processing, and inspection results by applicable raw material requirements.

FD13 Component Solderability

Any parts delivered that are over two years old from date of manufacture must be accompanied by a Certification of Compliance that documents that parts have been re-certified to comply with requirements of J-STD-002, Category 3. If testing is not possible at the Seller's facility, the Buyer can perform solderability testing with acceptance contingent upon positive test results.

FD14 Fraud and Falsification

- A. This purchase order and activities hereunder are within the jurisdiction of the Department of Energy and/or the Navy. Any knowing and willful act to falsify, conceal or alter a material fact, or any false, fraudulent or fictitious statement or representation in connection with the performance of work under this purchase order may be punishable in accordance with applicable Federal Statutes.
- B. Seller agrees that all employees engaged in the performance of this purchase order **shall** be, if they have not been previously, informed in writing prior to commencing performance of work under this purchase order that there is a risk of Federal criminal penalties associated with any falsification, concealment or misrepresentation in connection with work performed under this purchase order. Seller agrees that a signed statement **shall** be, if it has not been previously, obtained from said employees prior to their commencing performance of work under this purchase order that they have been so informed. Such statements shall be retained by the Seller for at least three years after final payment on this purchase order. An acceptable form for such a statement is substantially as follows:

"This company/division/department/branch performs work under contracts which are within the jurisdiction of departments of the United States Government. Some of the work performed under these contracts affects the national security of the United States and the requirements of these contracts are designed to ensure that essential attributes of the work are carefully checked or inspected and that records accurately reflect the results of all work. Any falsification, concealment or alteration of any material fact, or any false, fraudulent or fictitious statement or representation in connection with the work under any contract within the jurisdiction of the Government is not only prohibited by company policy but may also be punishable under Federal Law. Please acknowledge by your signature that you have read and understand the above."

- C. Seller **shall** also agree to include the following statement preprinted on each manufacturing, inspection or test record used in conjunction with the subject subcontract:
"NOTE: The recording of false, fictitious or fraudulent statements or entries on this document may be punishable as a felony under Federal Statutes including Federal law, Title 18, Chapter 47."
- D. 1. Seller shall include all provisions of this Article including this sentence in all lower-tier contracts under this order. Any inability or unwillingness of a lower-tier supplier to comply with this provision shall be documented in writing and submitted to the Prime Contractor.
2. Seller shall advise Buyer promptly upon identification of any potential or actual fraud and falsification incidents pertaining to this order and occurring either within its own organization or within its sub-tier(s) organization.

FD15 In-Process Source Inspection, Printed Circuit Boards

When specified on the Purchase Order, multilayer printed circuit boards are subject to source inspection prior to solder mask application. Suppliers shall provide a minimum of forty-eight (48) hours' advance notice, make available all applicable quality records and microsection data, and shall not proceed beyond the designated hold point without approval.

HISTORY / REVISION TABLE

Revision	Nature of the Change
A	Initial release.
B	Added FD14 Fraud and Falsification.
C	FD2 3B added 'full panel' to solder sample board.
D	Add FD15 In-Process Source Inspection, Printed Circuit Boards