



**Filtran**

## **PURCHASE ORDER QUALITY ASSURANCE PROVISIONS**

The following provisions, when specifically referenced in the purchase order/subcontract form a part of the purchase order/subcontract in addition to all other provisions, terms and conditions, drawings, specifications that are made a part of the purchase order/subcontract. Unless otherwise specified, specifications referenced herein shall be of the issue in effect on the date of the purchase order/subcontract. Compliance with the requirement of these provisions does not relieve the Seller of its responsibility for furnishing materials and/or services ("Products"), which fully comply with applicable drawing and specification requirements, nor does it guarantee acceptance of Products by Filtran.

### Clause A - Quality System Requirements

All Products on this purchase order/subcontract shall be manufactured in accordance with the following Quality Systems as indicated on the purchase order.

A1 ISO 9001 Quality Systems -- Quality management systems - Requirements;

### Clause B - Inspection and Test Data

B1 Seller shall supply with each shipment, detailed inspection and test data. An authorized representative from the Seller's Quality Assurance organization shall approve the detailed inspection and test data.

B2 Personnel performing special processes such as soldering, wire-wrap, crimping, lugging and fusion welding will require certification in accordance with commercially accepted standards.

### Clause C - First Off Sample

First Off Sample shall be performed by Filtran. The inspection shall be carried out at Filtran and shall entail a detailed inspection of the item to demonstrate the following:

- Compliance with drawings, specifications and other Filtran-approved documentation;
- Objective evidence of Seller's Final Inspection.
- Compliance with quality system requirements as required by the purchase order; and
- Any other evidence of conformance as required by the purchase order.
- Seller shall await Filtran approval of the First Off Sample before proceeding with any production quantities.

Filtran approval of the First Off Sample does not relieve the Seller of future responsibilities to supply Products in accordance with the applicable specification and contractual requirements.

### Clause D - Change Control System

By acceptance of this order, Seller agrees to inform Filtran immediately, in writing, of any proposed changes that may affect fit, form, function, reliability, weight or other specified requirements of the items on this order.

### Clause E - Certificate of Compliance

E1 Shipments made against this order shall contain a Certificate of Compliance attesting that all applicable specifications, drawings and purchase order requirements have been met. Seller shall maintain quality records applicable to the certificate for a period no less than one year. The Certificate of Compliance shall contain as a minimum, the purchase order number, part number, revision level and quantity shipped. The Seller's Quality Assurance representative shall sign the Certificate of Compliance attesting that all requirements and specifications of the purchase order have been met. The Certificate of Compliance shall accompany each shipment.

E2 Shipments made against this order shall contain a completed Final Checklist generated by the subcontractor that contains verification statements and/or finish product measurements for all specification criteria provided.

E3 By acceptance of this order, Seller accepts responsibility for full compliance with all requirements of the applicable specifications. Seller shall maintain on file, inspection and test reports, and/or any other suitable verifiable, objective evidence of product quality. These reports shall be subject to Filtran audit upon request by Filtran.

### Clause G - Quality Assurance Audit

Seller's and its subcontractor's quality system and manufacturing processes are subject to verification by Filtran or its agents during the performance of this order. Verification by Filtran and its representatives shall not be used by the Seller as evidence of effective control of quality, and it shall not absolve the Seller of the responsibility to provide acceptable product, nor shall it preclude subsequent rejection of the product by Filtran.

### Clause H - Calibration

H1 Inspection, measuring and test equipment shall be controlled, calibrated and maintained in accordance with ISO 9001, ISO 10012 and ISO 17025. This equipment shall be calibrated using standards traceable to NRC, NIST and/or to other nationally recognized standards.

H2 Seller shall supply with this service or product a certificate of calibration attesting the instrument(s) meets within the specifications set forth by the manufacturer.

### Clause I - Material Handling/Packaging

- I1 If not covered by specific instructions, all product(s) shall be protected for appearance and safeguarded against corrosion, contamination, deterioration or other spoilage during transit. All material shall be packed with suitable protection so as to prevent damage during handling, transportation and storage prior to use. Packaging will be in accordance to "Best Commercial Practice" unless otherwise stated and shall be adequate to prevent damage during transit.
- I2 Seller, in addition to all other required identification, shall also mark on each container of every shipment made against the order:
- Shelf life expiration date by year and month; and
  - Manufacturing date by year and month.

Material that has exceeded 20% of its useful shelf life will be subject to rejection.

Alternatively, Seller may elect to identify the shelf life period and the date when the shelf life period begins on the Certificate of Compliance.

- I3 The seller shall have an ESD control program in effect that complies with DOD-STD-1686.

#### Clause L - Serialization and Lot Control

- L1 Each part shall be identified with a unique serial number, traceable to its production lot records.
- L2 Each part shall be marked with a manufacturer's date code or lot number, traceable to its production lot records. If it is not practical to mark the part, the packaging container shall be marked with the date code.

#### Clause M – Drop Shipment

Filtran suppliers who drop ship materials to one or more Filtran subcontractor shall provide a Certificate of Conformance stating that the materials being drop shipped are in compliance with the applicable Filtran part number.