



SI MANUFACTURING SUPPLIER QUALITY REQUIREMENTS

SUPPLIER QUALITY SYSTEM

- 1c Unless other specified in the body of this purchase order (PO) or modified by additional VQR call-outs, all product supplied for this PO shall be in accordance with the applicable MIL-SPEC, drawing, specification, vendor catalog or vendor spec sheet listed on this PO or inferred by the usage of a vendor catalog/spec sheet part number. In the absence of specific requirements, all items or services supplied shall be manufactured or performed, inspected, tested and packaged so as to assure conformance with the item or service description listed on the PO. Additionally the equipment used for test/inspection of items/services provided against this PO must be in calibration traceable to national standards per MIL-STD-45662 or ISO 10012-1 at the time of use. Records needed to show compliance with SIMFG Purchase Order requirements shall be legible, identifiable and retrievable for 5 yrs minimum and shall be provided to SIMFG upon request.

2 SOURCE INSPECTION

- 2a SI Manufacturing source inspection is required prior to shipment from your facility. Make source inspection requests through SI Manufacturing purchasing.
- 2b Government source inspection is required prior to shipment from your facility. Upon receipt of this order notify the government quality representative who normally services your facility. If the representative of the government inspection office cannot be located the buyer should be notified immediately.

- 3 **ACCESS** (Applicable only to orders for which the US Government is the end user)
During performance of this order, your quality control or inspection system and manufacturing processes are subject to review, verification and analysis by the buyer or authorized government representative. Neither SIMFG nor Government source inspection is required unless otherwise notified. You shall provide a copy of this purchase order to your government representative upon request.

4 CERTIFICATIONS

- 4a Certificate of compliance to the purchase order
- 4b Material certifications for raw material used on performance of this order
- 4c Process certifications for special processes attesting that the processes were performed by certified operators

5 FIRST ARTICLE

- 5a A First Article piece is to be submitted to SI Manufacturing for inspection/test at SI Manufacturing. Variables data of all tests/measurements performed will be supplied with the first article.
- 5b A First Article inspection by SI Manufacturing at your facility is required prior to shipment of items on this purchase order. Variables data of all tests/measurements performed will be supplied with the first article. Notify SI Manufacturing purchasing when first article is ready.

6 INSPECTION/TEST DATA

Seller shall submit with each shipment, a legible report of all inspections/tests required by the purchase order, drawing, specification or MIL-SPEC's. This data shall include as a minimum:

- Purchase order number
- Part number
- Revision letter
- Lot/date code and S/N as applicable
- Characteristics tested/inspected
- Sample size if less than 100%
- Date of test/inspection
- Signature/stamp of seller's test/inspection
- Qty accepted/ qty rejected by characteristic



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7 **SERIALIZATION**

- 7a Seller shall permanently identify items supplied on this purchase order with a lot/date code consisting of two digits indicating the year and two-digit indication the week of the year. I.e. 0104—forth week of 2001.
- 7b Seller shall permanently identify items supplied on this purchase order with a unique serial number. Serial numbers will be noted on the certifications required for this order.

8 **PRODUCT CHANGE APPROVAL**

Without prior written approval from the buyer seller shall not make any changes in product design, composition, materials, or fabrication methods that adversely affect the form, fit or function of the item being procured.

9 **AGE CONTROL**

The seller shall have an effective system for the control of items whose acceptability is limited by the age of the item. Age control of rubber goods shall conform to the requirements of MIL-STD-1523 unless otherwise specified on the purchase order.

10 **SOLDERABILITY**

- 10a Unless otherwise stated on the part specification the items supplied on this purchase order shall meet the solderability requirements of J-STD-001.
- 10b Additionally items shall be identified with the date of tinning or solderability test acceptance.

11 **STATISTICAL PROCESS CONTROL**

The use of statistical methods for critical parameter process monitoring is required in the performance of this order. Upon receipt of this order the seller shall contact the buyer for identification of the critical parameter(s), and direction on the type of data required (attribute or variable). SPC charts as agreed upon shall be shipped with the items or made available at the time of source inspection if applicable.

12 **RAW MATERIALS**

Raw materials to be used in fabrication or processing of products shall conform to the applicable physical, chemical and any other technical requirements. Laboratory testing shall be employed as necessary for verification at the discretion of vendors' quality assurance.

13 **SPECIALTY METALS** (Applicable only to orders for which the US Government is the end user)

Use of specialty metals, shall be compliant with DFARS 252.225-7014 Alt 1. Any specialty metals (as defined in paragraph (a) of the clause) included in any articles delivered under this purchase order must comply with the clause, and you must flow down 7014 Alt 1 to all of your vendors supplying any articles delivered under this purchase order that include specialty metals.