



## QUALITY REQUIREMENT CODES

To the extent specified in the purchase order, the following quality requirements become an integral part of the Purchase Order Terms and Conditions. See face of order for applicable paragraph.

(Revision 04/28/06)

### A. WESTERN DESIGN SOURCE INSPECTION

Source inspection shall be conducted at the seller's or subcontractor of seller's facilities prior to shipment. Notify Western Design's quality assurance representative five (5) days in advance of delivery. Drawings, inspection equipment and data, which may be required, shall be made available to Western Design's quality assurance representative.

### B. GOVERNMENT SOURCE INSPECTION

Government inspection is required prior to shipment from your plant. Upon receipt of this order, promptly notify the government representative who normally services your plant so that appropriate planning for government inspection can be accomplished. Promptly furnish a copy, which is included in this set, to the government representative who normally services your plant or, if none, to the nearest Army, Navy, Air Force, or Defense Supply Agency inspection office. In the event the representative or office cannot be located, Western Design's purchasing representative should be notified immediately.

### C. CERTIFICATE OF CONFORMANCE

1. A certificate of conformance is required for all deliverable items. The C of C must stipulate that the items meet all drawing, specifications, and other applicable documentation requirements. This certificate shall specify that the process and material certifications, chemical and physical test reports on a per lot basis are on file and may be inspected by Western Design's quality assurance representative and/or the Department of Defense representative. This certification shall be signed by an authorized representative of seller's quality assurance department and must accompany each shipment.

NOTE: Current holders of Purchase Orders with Code C becomes code C1 with no change in requirement.

2. Retention - Supplier shall provide a C of C with each shipment as stated above and shall maintain on file all quality data/records such as; certificates of material and/or processes, acceptance test reports, inspection records, and other applicable quality control data, for minimum of seven (7) years from completion of Purchase Order. These records shall provide objective evidence of the quality assurance operations performed and must be readily retrievable and made available to Western Design and/or its customer upon request. No submittal is required.

### D. MATERIAL CERTIFICATION AND TEST REPORTS

1. Each shipment shall be accompanied by chemical and/or physical reports with "actual" results of tests conducted on the materials shipped to the buyer.

2. Each shipment shall be accompanied by chemical and/or physical reports with "typical" results of tests conducted on materials shipped to the buyer.

**E. ACCEPTANCE TEST / DIMENSIONAL REPORTS**

Each shipment will be accompanied by a test and/or dimensional inspection report.

1. A first Article report (100% dimensional insp.) is required. When a first article inspection requirement has been satisfied, vendor will provide written evidence of inspection for each shipment.
2. A critical dimension report consisting of actual inspection data on key dimensions or statistical process control data is required for each shipment.
3. Functional and/or performance test reports are required for each unit shipped.

**F. FOREIGN OBJECT DAMAGE (FOD)**

Suppliers of FOD sensitive articles shall establish procedures to control and eliminate Foreign Object Damage and/or contamination during manufacturing, assembly, test and inspection operations. The FOD program shall be subject to review and approval by Western Design.

**G. SPECIAL PROCESS CONTROL**

Special process suppliers (welding, brazing, heat treating, NDT, plating, chemical filming, etc.) are responsible for compliance to the applicable specifications, whether the operation is performed within their facility or by subcontractors. Supplier's Process Certification must identify vendor performing special process, show actual data, reference the applicable specification and be signed by authorized Quality Assurance personnel.

**H. CHANGE NOTIFICATION**

Supplier shall provide written notification to Western Design Buyer prior to implementation of changes to the supplier's management (ownership), manner of manufacturing operations (plant location), or supplier part configuration.

**J. NONCONFORMING MATERIAL**

A system shall be in effect for the control of material nonconforming to drawings, specifications or other purchase order requirements. Such material shall be withheld from shipment until authorized by the Western Design Purchasing Department with an approved Supplier Request for Material Review (SRMR). The SRMR shall describe the nonconformance in detail, the quantity, and the cause and corrective action to preclude a recurrence.

**K. QUALITY MANAGEMENT SYSTEM**

Supplier shall maintain an ISO 9001-2000 or equivalent Quality Management System (QMS). The QMS shall be employed by the supplier throughout all purchase order/contract phases. The QMS and QA Program may be subject to review and approval by Western Design.

**L. CRITICAL PART CONTROL PLAN**

Due to the critical application of the article/material under this purchase order, the supplier shall deploy a Product Control Plan For Manufacturing. The plan shall provide documentation of the controls in place to ensure manufacturability, quality and compliance. The plan shall delineate the sequence of production operations to be performed, the points where quality controls will be performed, and the types of inspections or verifications performed. The plan shall include reference to the control methods, procedures and inspection instructions used in manufacturing. The plan shall be submitted to Western Design's Buyer for approval by Quality Assurance prior to production of the article. Supplier shall not change, add, or delete any process, material or procedure used in manufacturing of articles under this purchase order without prior approval by Western Design Quality Assurance.

**M. MARKING REQUIREMENTS**

Marking on product will be in accordance with drawing requirements. When requirement is for ink stamping, apply clear lacquer over marking per table I of MIL-STD-130. "Bag & Tag" articles shall have the marking applied to the packaging as applicable. Laser Engraving may be performed in lieu of Electro-chemical etch.

1. Marking requirements when WD ***is*** the design activity.

|                |                          |
|----------------|--------------------------|
| 59027-025180-1 | (WD's FSCM #, P/N)       |
| MFR-XXXXX      | (Vendor's FSCM / CAGE #) |
| PO030817-03.97 | (P/O #, Mfr. date)       |

2. Marking requirements when WD ***is not*** the design activity.

|                |                             |
|----------------|-----------------------------|
| 30003-029713-1 | (WD's customer FSCM #, P/N) |
| MFR-59027      | (WD's FSCM #)               |
| PO030817-03.97 | (P/O #, Mfr. date)          |

**N. SUPPLEMENTAL QUALITY ASSURANCE PROVISION (SQAP)**

Additional WD quality requirements as specified.

**O. ESD REQUIREMENTS**

The seller shall maintain a documented Electrostatic Discharge (ESD) protection program. The ESD control program shall meet the requirements of an appropriate national, military, or industry standard. The specification shall include precautions for handling, packaging, and proper labeling of ESD sensitive components and assemblies.

**P. SOLDERING REQUIREMENTS**

All soldering operations, including inspection, shall be performed in accordance with ANSI/J-STD-001C.

**Q. APPROVED PROCESS VENDORS REQUIRED**

Originating sources of all special processing shall be approved by Western Design. The suppliers shall contact Western Design Purchasing to obtain approved source listing.

**R. PACKAGING FOR SHIPMENT**

Unless otherwise specified by drawing or part specification requirements, all items require protection from physical, environmental, mechanical damage, shock and vibration during handling and shipment.

**S. SPECIAL MATERIAL REQUIREMENTS**

1. Age sensitive material shelf-life requirements apply. Provide certification that identifies the material cure date or date of manufacture, expiration date, batch number and special storage and/or handling requirements.
2. Material Safety Data Sheet (MSDS), Hazardous Material Requirements apply.

**T. DATA PACKAGE**

All specified data/documents required by this Purchase Order shall be assembled into a data package/envelope clearly marked as "Quality Documents" and shall accompany the shipment to Western Design.

**U. REVIEW OF PERFORMANCE**

During the performance of this purchase order, the supplier's quality program or inspection system and manufacturing processes are subject to review verification, analysis or problem investigations by the cognizant government, regulatory agencies, and/or Western Design representative(s).

**V. GENERAL QUALITY REQUIREMENTS**

The following quality requirements apply; C, D, E, F, G, H, J, M, and R.

Western Design may refuse to accept materials and services delivered under a purchase order if the seller fails to comply with the herein General Quality Requirements, or the purchase order assigned Quality Requirements.