



SUPPLIER MINIMUM QUALITY REQUIREMENTS

1.0 PURPOSE

The purpose of this document is to provide SL-Montevideo Technology, Inc (SL-MTI) suppliers the minimum Quality requirements that supplement those specified in the purchase order.

2.0 SCOPE

This procedure is applicable to all SL-MTI suppliers and all members of their supply chain that provide production hardware or processes required for production hardware. These requirements are in addition to those specified in the purchase order, engineering drawings and related specifications.

3.0 RESPONSIBILITY

The contractual obligations of SL-MTI and the highly competitive and technical nature of the industry requires that our suppliers' quality control systems will assure that materials and services will meet the quality standards required by SL-MTI and our customers. Each supplier must be aware of and enforce all drawing, specification and purchase order requirements.

4.0 REFERENCES

MTI-277-110915 Supplier Quality Audit Questionnaire
QP102R Supplier Request for Deviation
MTI-278-110915 Supplier ESD Questionnaire

5.0 SUPPLIER'S QUALITY PROCEDURES

- 5.1 Suppliers must have written quality procedures defining their Quality System. All such procedures shall be subject to surveys or audits by SL-MTI. Suppliers and suppliers subcontractor's facilities contracted products, procedures and records, excluding proprietary data, shall also be made available to Government representatives and other customers auditing SL-MTI's control of suppliers.
- 5.2 All new suppliers shall be subject to an on-site Quality survey by SL-MTI Purchasing and/or Quality representatives, or complete a self-survey outlining the supplier's Quality System and procedures. ISO 9000 or AS9100 certified companies are given priority in selection of suppliers.
- 5.3 The Supplier's Quality System shall be subject to audit and acceptance by SL-MTI, and the SL-MTI's commercial/Government customers to the extent necessary to determine the



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supplier's continued compliance to contractual requirements. This provision shall include inspection of the subcontracted product at the supplier's or SL-MTI facilities.

- 5.4 Suppliers are required to notify SL-MTI in writing of any change to supplier's Quality System, including system registrations, changes in management/ownership, facility relocation, or any changes that could affect the supplier's ability to meet the requirements of the purchase order.

6.0 DRAWING REQUIREMENTS – ENGINEERING CHANGES – SPECIFICATIONS

- 6.1 It is the supplier's responsibility to have available all current specifications and/or Government documents required by SL-MTI drawings or purchase orders. It is also the supplier's responsibility to assure all applicable SL-MTI Engineering changes are incorporated as instructed by the purchase order. All drawings may be obtained from the SL-MTI Purchasing Dept. Military Standards and related technical specifications can be obtained from either SL-MTI, the Internet or from the applicable Government source.
- 6.2 Suppliers are required to comply with the revision of any specifications contractually specified (by purchase order and/or drawing) contained in the Department of Defense Index of Specification and Standards (DODISS) on the date of purchase order award to the supplier unless specifically stated otherwise on the purchase order.
- 6.3 The supplier is required to comply with the requirements of the purchase order and all referenced drawings and/or specifications. However, where circumstances dictate, the supplier may desire to request permission to deliver non-conforming items or material. This request shall be made on deviation request form QP102R which can be obtained through the Buyer. Written authorization via this form must be received prior to shipment of material.
- 6.4 In the event it is discovered that nonconforming product(s) have previously been delivered to SL-MTI, the supplier shall notify the SL-MTI Buyer within 48 hours of discovery. The notification shall be in the form of a letter, a receipt acknowledged e-mail, or other positive notification method. The letter must include all pertinent information concerning the condition (i.e. part numbers, purchase order number, quantities, time frame, description of condition, etc) and the corrective action taken to prevent recurrence.
- 6.5 In the event that an item purchased by SL-MTI becomes obsolete, SL-MTI requires 12 months notification of such and reserves the right to make a "last buy" to insure uninterrupted delivery to the end customer.



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6.6 The supplier may not perform any repairs such as welding, brazing, soldering, plugging, peening, bushing, or use of paints, adhesives or plating, or use any other standard or other repair practice or method on products damaged or found to be discrepant during fabrication or processing, unless repairs are specifically permitted by the applicable drawing or specification, or authorized by SL-MTI via deviation request form QP102R.

7.0 SUPPLIER CONTROL OF PURCHASED MATERIAL AND SERVICES

7.1 The supplier must maintain effective control of procurement sources to ensure compliance to design, specification and quality requirements as clearly defined on the purchase order, as well as, have an acceptable method of reviewing incoming materials or services. The supplier must maintain up to date records that incoming materials have satisfactorily complied with all purchase order requirements.

7.2 Certifications for supplier purchased raw materials must include a chemical/physical test report and/or material description, heat lot identification and specification reference with revision/amendments and be kept on file for a minimum of 10 years or as otherwise specified on the purchase order. Certifications must be traceable to the SL-MTI purchase orders and part numbers in which the material was used for.

8.0 QUALITY INSPECTION REQUIREMENTS

8.1 The supplier shall maintain a Quality Inspection System that will assure that items produced will meet the latest drawing, specification and purchase order requirements.

8.2 The supplier's Quality System shall identify the inspection status of items produced. Inspection status may be accomplished by means of stamps, tags, move tickets, routing cards or other readily identifiable methods.

8.3 Where 'KEY' Characteristics are called out on a drawing, the supplier shall utilize Statistical Process Control (SPC) to control these characteristics. If the supplier determines that SPC is not acceptable, or if a process has become unstable or out of control, the alternative would be to perform 100% inspection on the noted Key Characteristics.

8.4 If sample inspection is utilized, sampling plans must be in accordance with ANSI Z1.4 or C=0 (zero) defects sampling as a minimum. Sample inspection that reveals a defective characteristic will require 100% screening for that characteristic.



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9.0 CORRECTIVE ACTION

Suppliers receiving a Supplier Corrective Action Request from SL-MTI are expected to respond within 15 business days unless an extension is requested. The response must detail the root cause of the deficiency as well as the action taken to correct it. Any procedural changes, documented process improvements, or Quality Manual changes should be attached to the response. Increase inspections, verbal instructions/warnings or responses that do not address items specifically as they are listed on the SCAR may be rejected.

10.0 CERTIFICATIONS AND SUPPORTING DOCUMENTATION

- 10.1 A completed Certification of Conformance form or equivalent statement on the packing slip shall accompany all shipments to SL-MTI. The certificate shall display, as a minimum, the supplier name, the manufacturer's name (where applicable), purchase order number, SL-MTI part number and revision level, quantity shipped, a statement certifying that the products furnished comply with the applicable drawing and specifications, and a signature and title of an individual responsible for Quality.
- 10.2 Certifications for castings or raw materials shall also contain a chemical/physical test report and/or material description, heat lot ID, and specification.
- 10.3 Suppliers of shelf life sensitive materials shall also furnish a legible certificate with each shipment of perishable goods referencing the batch number, the material specification (including revision and amendments) stating required storage conditions and/or shelf-life expiration periods as applicable.
- 10.4 Failure to comply with certification requirements will result in rejection and payment delay.
- 10.5 The use of any method that causes the original data of documents to be obliterated and unreadable (ie, the use of correction fluids, correction tape, or write-overs) to correct, modify or otherwise alter the data on any certifications or test reports is prohibited. Corrections may be made on records providing it is clearly obvious that a correction was made and it is signed (initialed) or stamped and dated by an authorized individual.
- 10.6 If the product being supplied is serialized or datecoded, that specific information (serial numbers, datecodes) shall be listed on the Certificate of Compliance.



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11.0 SPECIAL PROCESS CERTIFICATION AND CONTROL

- 11.1 In addition to a general Certification of Compliance (see 10.1), special process requirements shall require an additional statement of certification that identifies the process performed (as specified on the drawing/specification). Special processes include the following: All plating processes, anodizing, passivation, NDI (liquid penetrant, x-ray, and magnetic particle) inspections, and heat treating.
- 11.2 When specified by the drawing or purchase order, special processes must be performed by sources approved by SL-MTI and/or its customer.

12.0 MEASURING AND TEST EQUIPMENT CALIBRATION

Suppliers measuring and testing equipment calibration/verification systems shall be able to produce documentation verification that ensures an established system and records of calibration.

13.0 HANDLING, PRESERVATION, PACKING, SHIPPING

- 13.1 Suppliers shall assure that materials are packaged in a manner that will prevent damage, deterioration, corrosion and preclude moisture, foreign matter or contamination damage.
- 13.2 All components, subassemblies, and assemblies identified as ESD will be treated as Class 1 per MIL-STD 1686. Electrostatic Discharge Sensitive components or assemblies that contain ESD sensitive components shall be packaged in approved protective packages and labeled with the ESD caution symbol. Appropriate ESD controls must be used by the supplier in every handling/storage element of their operation, from material receipt through fabricating, testing, packaging, and shipping.
- 13.3 All packaging containing bearings shall have a label which specifies lubrication type, lot code and date of lubrication.

14.0 RECORDS

Suppliers shall maintain Quality Inspection and traceability records of parts produced for a period of fifteen (15) years or as otherwise specified on the Purchase Order. These records must be available for review within 24 hours of a request by SL-MTI's Purchasing or Quality personnel.



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15.0 CONFLICT MINERALS

- 15.1 Suppliers shall acknowledge that SL-MTI is a public company that files reports with the U.S. Securities and Exchange Commission (“SEC”), and is subject to Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (the “Conflict Minerals Law”). Under the Conflict Minerals Law, Buyer will be required to submit reports and disclose (a) whether any Tantalum, Tungsten, Tin or Gold (Conflict Minerals or 3TG) necessary to the functionality or production of SL-MTI’s products originated from the Democratic Republic of the Congo (“DRC”) or any adjoining country; and (b) if any Conflict Minerals did originate in the DRC or an adjoining country, the due diligence measures taken by Buyer to identify the source of the Conflict Minerals used in its products.
- 15.2 Suppliers shall cooperate with SL-MTI from time to time, at no additional cost to SL-MTI, in SL-MTI’s performing a reasonable due diligence investigation on the origin of Conflict Minerals contained in items delivered to SL-MTI under these purchase order requirements to enable SL-MTI to comply with its disclosure and reporting obligations under the Conflict Minerals Law. Such due diligence may include but shall not be limited to assisting SL-MTI in conducting a “reasonable country-of-origin inquiry” on such Conflict Minerals or completing and submitting to SL-MTI such questionnaires or templates relating to the origin of Conflict Minerals contained in SL-MTI products, as SL-MTI shall request.

16.0 COUNTERFEIT MATERIAL CONTROL

The supplier shall have processes and controls to ensure no Counterfeit Material is delivered to SL-MTI. Supplier shall maintain documentation, i.e. Certificates of Manufacture, Certificates of Compliance, Independent 3rd party testing, etc, necessary to assure traceability of the parts to the Original Equipment Manufacture specified on the SL-MTI drawing. SAE AS5553 provides guidance for counterfeit prevention.

17.0 FOD CONTROL PROGRAM

Foreign Object Damage: The supplier shall develop and maintain a Foreign Object Debris/Damage (FOD) Prevention Program for manufacturing areas to prevent introduction of foreign objects into any item delivered under this purchase order. The supplier shall employ appropriate housekeeping practices to assure timely removal of residue/debris generated, if any, during manufacturing operations and/or normal daily tasks.



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The supplier shall determine if sensitive areas that may have a high probability for introduction of foreign objects should have special emphasis controls in place appropriate for the manufacturing environment. The supplier shall determine the need for, and implement FOD prevention awareness programs. When applicable, the Supplier's FOD control program shall include controls to preclude FOD or contamination at the supplier's sub-tier sources.

18.0 PROCESS CHANGE CONTROL

Upon approval by SL-MTI as a qualified source, through first article or first lot acceptance, the supplier shall no make any changes in design, materials, process, or source of major components which may affect the acceptability of the items to be delivered to SL-MTI without prior notification and approval of SL-MTI. For the purpose of this clause, a process is defined as any procedure, system or practice used during the manufacture or production of a deliverable item (i.e. machining, de-burring, heat treating, soldering, cleaning, finishing, etc).



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| REV DATE | REASON FOR CHANGE |
|------------|---|
| 12/08/06 | Supplier Minimum Quality Requirements – New Release |
| 7/15/11 | Para 4.0 changed Supplier QA Survey designation from QCF4.6C to QCF4.6. Para 6.3 changed website from www.slmti.com to www.slmti.com/documents/index.php . Para 14.0 changed “...or as otherwise directed by SL-MTI QA Department.” To “...or as otherwise specified on the Purchase Order.” |
| 10/24/11 | Added Para 6.4 regarding notifying SL-MTI in the event of nonconforming product having shipped. |
| 2/10/14 | Paras 7.2 and 14.0 changed 7 years to 10 years records retention. Para 8.3 added second sentence “If the supplier determines that SPC is not acceptable, or if a process has become unstable or out of control, the alternative would be to perform 100% inspection on the noted Key Characteristics.” Added Section 15.0 (Conflict Minerals) |
| 11/10/14 | Added Para 6.5 in the event that an item purchased by SL-MTI becomes obsolete. |
| 3/15/15 | Para 13.2 added first sentence “All components, subassemblies, and assemblies identified as ESD will be treated as Class 1 per MIL-STD-1686.” |
| 11/02/15 | Para 6.3 removed reference to accessing for QP102R on a website. |
| 11/16/2015 | Updated 4.0 References to include MTI-277-110915(Supplier Quality Audit Questionnaire) and MTI-278-110915(Supplier ESD Questionnaire). |
| 5/16/16 | Para 2.0 added “...and all members of their supply chain...” Para 5.2 deleted “Effective 10/20/2002...” Added Paras 6.6, 10.5, 10.6, 16.0, 17.0 and 18.0 |
| 6/03/16 | Revised Para 10.6 to remove specific MSD 601 statement and add the requirement of serialization and datecodes on the C of C. Added Change Page to end of the document. |
| 12/30/16 | Added “manufacturer’s name” in 10.1 Para 14.0 changed records retention from “ten (10)” to “fifteen (15)” years. |