

**QUALITY ASSURANCE PROVISIONS
FOR PURCHASED MATERIALS
AND SERVICES
P002 Rev A**

The following Quality Assurance Provisions are considered an integral part of the terms and conditions as invoked by the Purchase Order.

Clause 19: Quality System Requirements The supplier shall 1) maintain; 2) apply to the materials and/or services of this Purchase Order; and 3) be capable of demonstrating a minimum quality system that adequately address the following key areas for the type of materials and or services provided;

- a) Inspection and Testing Control System
- b) Supplier Management System
- c) Control of Non-Conforming Product System
- d) Corrective and Preventive Action System
- e) Conversion of Customer Requirements System
- f) Design Control System
- g) Document and Data Configuration Control System
- h) Control of Customer Supplied Material System
- i) Process Control System (including environmental and ESDS control systems, as appropriate)
- j) Control of Inspection, Measuring and Test Equipment System
- k) Material Handling, Storage, Packaging and Delivery System
- l) Control of Quality Records System
- m) Product Identification and Traceability System
- n) Employee Training Program

Third party certified systems such as ISO-9000, QS-9000, EIA-599, MIL-PRF-38534, MIL-PRF-38535 or equivalent are considered compliant with this requirement. A copy of the suppliers quality manual and certification record may be accepted as evidence. Otherwise, compliance is subject to Buyers Quality Organization audit and approval. Purchase Orders cannot be awarded to a supplier without either a special case approval by the buyers Quality Organization or inclusion in the Irvine Sensors Corporation Approved Vendor Listing for the requested material or service. Special case approvals are subject to additional oversight by the buyers Quality Organization.

Clause 20: Acceptance Inspection and Test: The Supplier shall prepare and present a final inspection and test procedure to the Buyers Quality Organization for approval at least thirty (30) days prior to shipment of materials and or provided service. As a minimum, this procedure will contain; 1) a full description of the inspections and tests to be accomplished; 2) reference of the applicable specification(s); 3) order in which inspections and tests are to be conducted; 4) methods and conditions for each inspection and test; and 5) the pass/fail criteria to be used, including sample plan, if applicable.

Clause 21: Source Inspection: The buyer reserves the right to conduct source inspection of materials or services provided under this Purchase Order. This right will be exercised either through a notation on the Purchase Order for each applicable line item, or official written notification to the seller from the Buyers Quality Organization, a minimum of 48 hours in advance. The Buyer further reserves the right to have its customers present during any source inspection upon notification to the seller. The seller shall make available the necessary resources to conduct the source inspection as agreed upon and scheduled by the Buyer and Seller.

Clause 22: First Article Inspection: When first articles are required by the Purchase Order, the first article material will be evaluated and a report submitted to the buyers Quality Organization prior to the submittal of the materials required in the Purchase Order. No shipments will be accepted by the buyer until the first articles have been approved by the buyers Quality Organization.

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Clause 23: *Certified Inspection/Test Data:* The sellers Quality Representative shall provide copies of verified inspection and test data with each shipment, as required by Clause 20 above. When shipments are forwarded to a subsequent supplier, customer or distributor, the seller shall provide copies of the data to the buyers Quality Organization at the address stated on this form, unless otherwise stated in the Purchase Order.

Clause 24: *Certificate of Conformance:* The seller shall provide a signed Certificate of Conformance for each line item of the Purchase Order to the Purchase Order requirements. When shipments are forwarded to a subsequent supplier, customer or distributor, the seller shall provide a copy of the Certificate of Conformance to the buyers Quality Organization at the address stated on this form, unless otherwise stated in the Purchase Order.

Clause 25: *Calibration Certification:* Any piece of metrology equipment, inspection or test standard procured by this Purchase Order shall be verified and traceable through an unbroken chain of calibrations that are tied to the National Institute of Standards. The seller shall provide a signed certification to that fact which identifies the item, the applicable transfer standard and/or calibration method used, calibration date and next due calibration.

Clause 26: *Marking & Identification*

- a) ***Materials with shelf life*** Material must be marked with the manufacturer's expiration date and lot number. If the material falls under the classification of Hazardous Material, a Material Safety Data Sheet is also required in each shipment.
- b) ***Hazardous Materials*** All containers must be marked with the required OSCO Hazard labeling and product labeling. A material Safety Data Sheet must accompany each shipment.
- c) ***Other Materials*** As a minimum, the material shall be "bagged and tagged" and labeled with the material part number, manufacturer identification (including location), quantity and manufacturers lot number or part serial number. The seller shall legibly and permanently identify each part, assembly and other material using the marking requirements prescribed by the detail specification or drawing.

Clause 27: *Packaging and Labeling:* The seller shall assure that materials provided under this Purchase Order are packed and shipped in such a manner to provide adequate physical protection (including contamination control) and electrical protection.

- a) ***Special Packaging Requirements*** Special packaging requirements will be prescribed in the Purchase Order and provided to the seller by the buyer.
- b) ***ESDS devices*** Seller shall clearly mark on both inner and outer packaging using industry standard ESD warning labels.