

# **NJMET Purchase Order Quality Clauses**

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Revision : September 2008

## **Clause-001: Quality Management System Requirements**

### **Clause -001A: ISO 9001 Quality System Requirement**

Seller shall comply with QMS standard ISO 9001 “Quality System Requirements,” and all other terms of this Purchase Order in the manufacture and / or delivery of the materials or services in this order.

**Clause -001B: Certificate of Conformance (C of C):** The seller shall provide Certificate of Conformance with the delivery of the product stating that the requirements of the Purchase Order and Statement of Work (SOW –when specified) has been fully met. The C of C shall be signed by the Quality Manager or General Manager.

### **Clause -002A: Quality Flow -Down to Sub-Tier Suppliers**

The supplier’s Quality System shall assure all relevant Purchase Order requirements are flowed down to their sub-tier suppliers. The supplier’s sub-tier suppliers are responsible to comply with the same specifications and requirements specified on this Purchase Order.

### **Clause -002B: Requirement for the qualification of personnel**

The supplier’s Quality System shall assure all relevant Purchase Order requirements are met and all applicable processes affecting the final quality of the product in the Purchase Order were rendered by qualified personnel.

### **Clause -003: Product and Process Control and Quality Record Retention**

Supplier’s Product and Process Control and Quality Records shall be retained at the supplier’s location a minimum of 10 years from the date of shipment, unless a longer retention period is herewith on the Purchase Order. The records shall be adequate to ascertain the quality level of production processes. This includes chemical and physical test results of Raw Material used in the manufacture of the item on this Purchase Order. Quality records shall be provided upon request from NJMET.

### **Clause -004: Government /Customer Inspection (Right of Access)**

The government / customer has the right to inspect any or all work included in this government /customer order at the supplier’s plant. In the event Government / Customer Inspection is required, the NJMET Purchasing agent will provide notification.

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## **Clause -005: Manufacturer's Part Numbers**

If an item on this Purchase Order is controlled by a Manufacturer Part Number, it is the Sellers responsibility to assure that the Manufacturer Part Number meets all requirements of the latest manufacturer data sheet. Requirements exist relative to supplier notification to organization of nonconforming product, and arrangements for organization approval of supplier nonconforming material. Requirements for the supplier to notify the organization of changes in product and/or process definition and, where required, shall obtain organization approval.

## **Clause -006 : No Changes Without Approval**

Except for first time purchases, items furnished under this Purchase Order shall be identical in form, fit and function to a product previously accepted by NJMET. No component substitution is allowed without NJMET approval. Alternate or equivalent parts must be approved by Purchase Order amended prior to shipment and acceptance by NJMET Quality and Purchasing Department.

## **Clause -007 : Prohibition of Pure Tin**

The uses of Pure Tin Plated finishes are strictly PROHIBITED. Any Tin Plating or Solder processes shall contain NO LESS than 3 percent LEAD (Pb) composition, unless specifically authorized in writing by NJMET. These restrictions apply for all types and levels of procurements, with the supplier responsible for communicating these restrictions to manufactures or sub-tier suppliers as required.

## **Clause -008 : Electrostatic Discharge Control (ESD) Program-Quality**

For electrical and electronic parts susceptible to damage from Electrostatic Discharge (ESD), the supplier is responsible to establish and implement an ESD Control Program per the latest revision of one of either MIL-STD-1686, EIA-625, ESD 2020 or better equivalent. The supplier shall take the necessary precautions to ensure that static susceptible devices are adequately protected from ESD damage during manufacturing, test, inspection, packaging and shipping. Packaging shall be marked with an ESD cautionary note or symbol.

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## **Clause -009 : Requirements on Moisture Sensitive Devices**

### **Clause -009A : Plastic Encapsulated Microcircuit (PEM)-Level 1**

This PEM device has been identified as an MS Level 1. Therefore, devices supplied under this purchase order shall be packaged IAW the latest revision of IPC/JEDEC J-STD-033.

### **Clause -009B : Plastic Encapsulated Microcircuit (PEM)-Level 2-6**

This PEM device has been identified as an MS Level range between 2 and 6. Therefore, devices supplied under this purchase order shall be packaged IAW the latest revision of IPC/JEDEC J-STD-033. The “Moisture-Sensitive Identification” (MSID) label and the “Caution” label as specified in JEDEC JEP113 shall be affixed to the outside surface of the moisture bag (MBB).

### **Clause -009C : Specialty Metals Clause Flow-down to Supplier:**

Reference: DFARS 252.225-7014, DFARS Subpart 225.7002-2 and DFARS 225.872-1(a) or (b)

DoD’s interpretation of this *specialty metals clause* is that it prohibits the contractor (including its suppliers at every tier) from incorporating into military parts, components, and/or and item deliverables “**specialty metals**” (identified in the clauses, including titanium and stainless steel) which have been melted outside the United States, its possessions, or Puerto Rico, unless certain limited exceptions set forth in the clause or DFARS Subpart 225.7002-2 apply. One such exception is for specialty metals melted in a qualifying country or incorporated into an article manufactured in a qualifying country. Those countries are listed at DFARS 225.872-1(a) or (b).

- a.) If a distributor or other sub tier supplier is the source of your material, ensure that the specialty metals clause requirements have been flowed down. Also take the necessary steps to ensure that your supplier provides only specialty metals (such as titanium or stainless steel) that have been melted within the United States or a qualifying country, and if required, proper certifications are issued.

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## **Clause -009D: Mercury - Free Certification ( when applicable)**

Supplies furnished under this contract shall *not be contaminated by mercury or mercury compounds*. Contamination shall be prevented by ensuring that the supplies during the manufacturing processes, test and inspections have not come in direct contact with mercury or any of its compounds, not with any mercury containing device employing a single boundary of containment.

## **Clause -010A: Supplier Quality Requirements**

Supplier Quality Requirement is incorporated in this Purchase Order . These documents may be found on NJMET website, <http://www.njmetmtl.com/docs>. Those suppliers not having access to NJMET website are required to contact BUYER/ Director OF PURCHASING, Director of OPERATIONS to obtain a hard copy of Quality Clauses.

## **Clause -010B : Standard Sales Terms and Conditions**

Standard Sales Terms and Conditions are incorporated in this order by reference. The document may be found on NJMET website, <http://www.njmetmtl.com/salesterms>