



## Supplement to purchase order quality clauses

- Q01 Quality system requirements**  
The supplier shall establish and maintain a quality system that conforms to the requirements of ISO 9001 or AS9100
- Q02 Supplier's quality plan**  
The supplier shall submit to VMI a quality plan describing the production flow, special processes, inspection and test points used in the manufacture of the items described on the PO. The supplier's plan is subject to audit by VMI and shall not be changed without approval of Vibro-Meter Inc.
- Q03 Control of inspection equipment**  
The supplier shall establish and maintain a calibration system that conforms to the requirements of ANSI/NCSL Z540 or ISO 10012.
- Q05 Workmanship**  
Electronic materials and workmanship shall comply with the requirements of J-STD-001 and IPC-A-610.
- Q06 Certificate of compliance**  
The items or services being shipped or being performed against this order must be accompanied by a Certificate of Compliance that assures full conformity with the quality requirements, applicable drawings, specifications, and terms and conditions of this order. When Q13 is a requirement, a copy of the special process sub-tier supplier's certification is to be included in addition to the overall certification.
- Q07 Physical and chemical analysis**  
Physical and/or chemical analysis report to be supplied with each shipment.
- Q08 Inspection evidence**  
The supplier shall maintain evidence of final inspection of material for a period of 10 years minimum or as directed by Vibro-Meter Inc.
- Q09 Inspection/test data**  
A copy of inspection and/or test data shall be supplied with each shipment identifiable to the serial numbers and/or date code of items supplied.
- Q10 First article inspection**  
First Article Inspection and acceptance by VMI is required on this order. Supplier shall submit a complete First Article Report in accordance with AS 9102 with the part(s) that it represents. No production lots shall be shipped until written approval or waiver of the First Article Report is received from VMI. A new or delta first article must be completed when the item has not been manufactured in the past two years, when a drawing change occurs, when a new supplier for a detail part is used or when the manufacturing process or location has changed.
- Q11 Non-destructive test reports**  
Reports of all special processes and inspection methods, such as welding, heat treating, brazing, plating, x-ray, magnetic particle inspection, fluorescent penetrant inspection, etc. demonstrating compliance with all applicable specification and notes referenced on the drawing and/or purchase order shall be supplied with the material.
- Q12 QPL requirement**  
The MIL, AN and MS parts supplied against this order shall be manufactured by QPL sources.
- Q13 Special processing**  
(a) All special processing and/or non-destructive testing, such as welding, heat treating, brazing, plating, painting, magnetic particle inspection, fluorescent penetrant inspection, radiographic inspection, etc. shall be performed by VMI approved sources.  
(b) General Electric: The supplier shall meet GE specification S1000.  
NOTE: Request the applicable GE documentation and yellow pages source listing from the VMI buyer if access is otherwise unavailable.
- Q14 Printed wiring boards/assemblies identification**  
All printed wiring boards/assemblies shall be marked with the manufacturer's trademark and date code. Printed wiring assemblies shall be serialized; method of serialization is optional.
- Q15 JAN semiconductor devices**  
All JAN devices shall meet the requirements of MIL-PRF-19500. A Certificate of Traceability shall accompany each device shipment. The document shall include the information specified in MIL-PRF-19500 Para 3.7(a) or 3.7(b) as applicable.
- Q16 Traceability**  
Items supplied on this order shall be identified and traceable to their origin: i.e., manufacturer, manufacturing date, date purchased, lot, inspection, test data or other pertinent information relating to control of processes.
- Q17 Age control**  
Manufacturing date, shelf life and/or expiration date required. Material received, with more than 20% of its shelf life expired, shall be rejected.
- Q18 Static sensitive material**  
All integrated circuits and/or electrostatic sensitive devices must be delivered enclosed in electrostatic shielded tubes, sleeves, or other suitable protective materials. External packaging shall also have caution labels or marking indicating the contents contain electrostatic sensitive devices.
- Q19 Customer furnished material**  
The supplier prior to use must inspect VMI or government-furnished material. When deficient material is found, the VMI buyer will be immediately notified. VMI will provide written instructions for disposition of the material.
- Q20 Configuration control requirements**  
To assure uniform quality and material configuration, no changes in materials, construction, source or performance shall be made for the item(s) covered by this order without prior approval from VMI. The supplier is expressly prohibited from supplying nonconforming material to Vibro-Meter Inc without advance approval. Material Review Board review and disposition of nonconforming material shall be the sole responsibility of Vibro-Meter Inc.
- Q21 Government source inspection**  
Government source inspection is required prior to shipment. Upon receipt of this order, the supplier will promptly notify the cognizant government representative so that appropriate planning for government source inspection can be accomplished.
- Q22 VMI source inspection**  
VMI source inspection is required prior to shipment. The supplier shall provide sufficient advance notice to VMI to permit timely scheduling of source inspection.
- Q24 Dock to stock**  
The supplier is authorized to ship directly to VMI stock. VMI reserves the right of revocation and the right to review and evaluate the supplier's processes and procedures. Only VMI authorized representatives of the supplier shall release material for shipment in accordance with the approved authorized release agreement.
- Q25 Workmanship**  
Electronic materials and workmanship shall comply with IPC-A-610, Class 2, current revision.
- Q26 Workmanship**  
Electronic materials and workmanship shall comply with IPC-A-610, Class 3, current revision.
- Q27 FAA/EASA documentation**  
An original FAA/EASA authorized release certificate approval is required to accompany each shipment.
- Q28 MSDS requirement**  
The current MSDS for material supplied is required for each shipment.
- Q29 Certificate of origin**  
Each shipment is to be accompanied by a document which declares the country of origin on forms acceptable to the originating country's regulations.