

The following clauses may appear on In-Phase Technologies, Inc. purchase orders, with applicable clauses specified by number on each line item or as part of a global statement covering the entire order. In either case suppliers shall adhere to the requirements of the clauses as interpreted by In-Phase Technologies Quality Assurance Department. Any failure to do so will result in the rejection of parts and services, including payment, until resolution has been made.

1. **Certificate of Conformance:** Supplier must provide a Certificate of Conformance certifying that all finished goods provided have been produced in accordance with the terms of the purchase order and any statement of work provided by In-Phase Technologies.
2. **Special Process Certifications:** Supplier shall furnish a certification for all special processes used to fabricate/ manufacture the item including those performed by any sub-tier supplier. Examples of Special Processes are anodizing, plating, painting, welding, brazing, chemical milling, heat-treating, nondestructive testing (NDT), etc.
3. **Manufacturing Quality Records and Service Reports:** Supplier must provide copies of all production related quality records including; travelers, inspection reports, etc..
4. **Test Data:** Supplier must provide test results in the form of a written report including variable data.
5. **Mechanical Data** – Mechanical data (measured values) is required with each shipment and shall be traceable to serial number, lot number, or date code as required.
6. **Screening Results** per MIL-STD-883, Method 5004, indicating the name and location of the facility at which the screening was performed shall accompany each shipment.
7. **Rework Data** Supplier is required to provide to In-Phase, in supplier's format, consumption and failed component data for each reworked item. The data shall include, but not be limited to:
  1. Identify reworked item by part number, nomenclature, and serial number. Make note if the failure was confirmed or could not be duplicated.
  2. List rework actions taken: For example: Replaced R1 on A2 board.
  3. Identify any subassembly that was removed and replaced by part number, nomenclature, and serial number.
  4. Identify any consumable parts that were replaced by part number, nomenclature, and quantity.
  5. If parts were inter-changed from other items, Supplier shall provide part number and serial number (if applicable) of the parts interchanged and identifies the originating item by part number and serial number.
8. **Certificate of Calibration:** with uncertainties in accordance with ISO17025 and ANSI/NCSLI Z-540-1.
9. **Source Inspection:** To ensure that all items/services are compliant to the required specifications, source inspection at supplier's facility by an In-Phase Technologies representative is required prior to any authorization to ship.

Readiness for Source Inspection – supplier is responsible for assuring products are ready for In-Phases' inspection at the scheduled time. Should an In-Phase representative be required to cancel source inspection after their departure, the supplier is subject to time and travel charges incurred by such In-Phase representative. Supplier's readiness shall include making

available all test and inspection documentation including P.O. and drawings, inspection/test equipment, and necessary personnel required to complete the Source Inspection.

- 10. Inspection of Work In Progress:** Supplier must provide weekly status updates on progress of goods and services specified on the purchase order. When applicable and requested by In-Phase Technologies, digital photos may also be required to mitigate risk and ensure accuracy of assemblies. Additionally, an In-Phase representative may also be required to perform periodic inspections at supplier's facility.
- 11. IPC-A-610 Workmanship Standards:** All assemblies provided by the supplier against this purchase order must be in accordance with IPC-A-610 Class C workmanship standards.
- 12. IPCWHMA-A-620 Workmanship Standards:** All assemblies provided by the supplier against this purchase order must be in accordance with IPCWHMA-A-620 workmanship standards.
- 13. J-STD-001E Workmanship Standards:** All assemblies provided by the supplier against this purchase order must be in accordance with J-STD-001E workmanship standards.
- 14. MIL-STD-1686C ESD Compliance and Packaging:** All materials provided by the supplier against this purchase order must be handled and stored safely within an Electro-Static Discharge Control program compliant to MIL-STD-1686C.
- 15. First Article Inspection:** is required prior to the first delivery of the product baseline configuration. First Article Inspection shall be performed on the first unit/ assembly produced and shall be performed IAW PAP 9067 unless otherwise defined By Quality Assurance on the P.O. In-Phase Quality Assurance shall review the FAI during the source inspection of the first Production units. Mandatory Class I and II changes to the design and/ or manufacturing process, a change in manufacturing location, or a two year period of time without manufacture of the item shall require either partial or re-accomplishment of the FAI. In-Phase will either review FAI activity, subsequent to the accepted baseline FAI, during the applicable Source Inspection or the FAI report will be sent to In-Phase for review. In-Phase Quality Assurance reserves the right to perform some or all aspects of the FAI activities at the supplier's or In-Phases' facilities. In-Phase disclaims responsibility for material delivered prior to first article approval unless it has been contractually authorized.
- 16. AS9003 Compliance:** Supplier must operate within a quality program compliant with AS9003.
- 17. AS9100D Compliance:** Supplier must operate within a quality program compliant with AS9100.
- 18. MIL-I-45208:** Supplier must operate within a quality program in compliant with MIL-I-45208.
- 19. MIL-STD-130:** Marking and identification of assemblies/components must be in accordance with MIL-STD-130. A sample of the UID label must be submitted to and approved by In-Phase prior to shipment.
- 20. Components from Brokers or Third Parties Prohibited:** All components provided under the In-Phase purchase order must come from OEMs via authorized distributors. No third tier suppliers or components acquired through non-standard channels are permissible and will be rejected resulting in payment withheld. A certificate of origin or similar statement on the packing slip is required as written certification.
- 21. RoHS / Lead Free Components Prohibited:** All products supplied against this purchase order shall be free of solder, plating, coatings, and claddings that exhibit either of the following: Material composition greater than 97% tin. Tin alloy with composition of less than 3% lead. Supplier must also state as part of the Certificate of Conformance that the materials provided under the In-Phase purchase order are NOT lead free or RoHS compliant.
- 22. Requirements stated in AS9100D Sec. 8.4.3 must be met when applicable.**