

**GENERAL QUALITY CLAUSES:** These apply for each purchase made by Amphenol IPC Endicott

**10 CHANGES OF CONFIGURATION, MATERIAL, DESIGN OR PROCESS:** The Supplier shall notify Amphenol IPC Endicott of any proposed changes to design, finished product, materials, fabrication methods, or processes, and obtain written approval from Amphenol IPC Endicott, prior to incorporating a change. A FAI may be required to substantiate any changes made.

**20 SOURCE INSPECTION:** All work on this Purchase Order is subject to inspection and test by the Government, Amphenol IPC Endicott, and Amphenol's end customer, at any time and place. This includes the right to inspect any or all work, quality systems and associated records at the Suppliers facilities. Appropriate "Right of Access" shall be granted to any level of the supply chain as deemed necessary by Amphenol IPC Endicott.

**30 REPAIR, REWORK AND REPROCESSING:** Prior approval from Amphenol IPC Endicott must be obtained prior to any and all rework, repair or reprocessing.

**40 CERTIFICATION OF COMPLIANCE:** A Certification of Compliance (Certificate of Accuracy, etc.) is required with each shipment to Amphenol IPC Endicott. At a minimum, the Certification must include Part number, P.O. number, quantity, date and a statement indicating that all drawing and/or Purchase Order requirements have been fulfilled. All certifications must be traceable to an Amphenol IPC Endicott Purchase Order. Supporting documents such as test results, First Article Reports and material and process certifications must also accompany the shipment. COTS (Commercial off the shelf items) such as "nuts and bolts" do not require a Certification of Compliance unless specifically requested by Amphenol IPC Endicott. [See Clause 170.](#)

**50 LOT/BATCH CONTROL FOR RAW MATERIALS AND MANUFACTURED ITEMS:** Raw materials and manufactured items, other than COTS, must maintain traceability to the raw material source and production lot from which parts are produced. Traceability, such as lot numbers and/or work order numbers shall be listed on a Certification of Compliance issued to Amphenol IPC Endicott and received with the raw material or manufactured items.

**60 CHANGE OF SUPPLIERS:** The Supplier shall notify Amphenol IPC Endicott of changes in material or sub-suppliers, from what was agreed to, or what was supplied on the previous production lot.

**70 OUTSOURCING OF MANUFACTURING OR SPECIAL PROCESSING:** Outsourcing of manufacturing, testing or processing is strictly prohibited, except with written permission from Amphenol IPC Endicott.

**80 CHANGES IN MANUFACTURING FACILITY LOCATION:** The Supplier shall notify Amphenol IPC Endicott when a change in manufacturing location occurs.

**90 FLOW DOWN:** The Supplier shall flow down all applicable clauses (requirements) through all levels of the supply chain by referencing these requirements on their Purchase Orders.

**100 COUNTERFEIT PREVENTION:** The Supplier must have controls in place to detect and prevent the acquisition and use of counterfeit parts and must ensure that Amphenol IPC Endicott is protected.

**110 NON-CONFORMING PRODUCT APPROVAL:** The Supplier must notify Amphenol IPC Endicott of any non-conforming product and obtain waiver/approval prior to shipment.

**120 PRODUCT CONFORMITY, SAFETY AND ETHICAL BEHAVIOR:** Suppliers are expected to ensure that their personnel and those of their sub-tier suppliers are aware of their contribution to product conformity, product safety, and the importance of ethical behavior.

**130 FIRST ARTICLE INSPECTION:** A First Article Report (FAI) is required when:

- a. An item is manufactured for the first time.
- b. An item has not been produced for a period of 12 months.
- c. A change in process, materials or manufacturing location has taken place.
- d. A change in drawing revision has been made. A "delta" (or partial) FAI for the affected dimensions, features or notes may be submitted in place of a full FAI.
- e. A change in inspection methods has been made.
- f. A substantial change in a numerical control program or translation to another media has been made that will effect fit, form or function.
- g. Upon the request of Amphenol IPC Endicott for reasons other than what is stated above.

What the FAI must include:

- a. Format: AS9102 Rev. B form is the preferred format. A Supplier's FAI format may be acceptable if it contains all the required information. A "Special" Quality clause may be called out, explicitly requiring the use of AS9102 Rev. B format.
- b. Amphenol Part number/revision level and P.O. number, material identification and all drawing dimensions, features and notes.
- c. As required, completed FAI's for "sub-assemblies" used to make a "final assembly".
- d. A marked up (or "bubble/ballooned") drawing used to reference items listed in the FAI.
- e. All applicable material and process certifications.
- f. Name of the supplier, signature of individual who performed the FAI, and date the FAI was performed.

**140 AGENCY APPROVALS:** Agency compliance/approvals including (but not limited to) ROHS, NADCAP, UL, must be adhered to per drawings and specifications supplied by Amphenol IPC Endicott. Approval/certification documentation must accompany the shipment when required.

**150 LIMITED SHELF LIFE CONTROL:** Chemicals, solvents, adhesives and other materials that possess less than 70 percent of their expected shelf life shall not be supplied without written permission from Amphenol IPC Endicott. This documentation must accompany the shipment.

**160 RECORD RETENTION:** Quality records including material certifications, work instructions, process records, inspection and test data shall be retained by the supplier for a minimum of 10 years. For all quality records pertaining to Aerospace or transportation component purchase orders, records must be kept indefinitely, unless explicit permission from Amphenol IPC Endicott has been granted to transfer or otherwise dispose of records.

**170 MERCURY EXCLUSION STATEMENT** The Supplier shall take appropriate steps to ensure all shipments made against this Purchase Order do not contain, or have not been exposed to metallic mercury or its compounds. The Supplier's Certification of Compliance, Raw Material certification or a separate form shall contain a statement indicating that reasonable steps have been taken to ensure freedom from such contamination.

**SPECIAL QUALITY CLAUSES:** These apply only when specifically called out on the Purchase Order.

**200 AS9102 FIRST ARTICLE FORMAT:** AS9102 Rev. B is the required FAI format.

**210 SOLE SOURCE:** Raw materials and/or components shall be purchased from a sole source, or supplied by Amphenol IPC Endicott.

**220 SPECIAL PACKAGING, HANDLING OR DELIVERY REQUIREMENTS:** The items require special packaging in addition to typical best commercial practices. This may include protections for unique surface finishes, easily damaged features, moisture or electrostatic discharge. Amphenol IPC Endicott shall provide special packaging, handling and/or delivery requirements when this clause is called out on a Purchase Order.

**Change Record:** Please note newest changes are in **red text**

Rev	Date	Responsible Person	Description of Change
A	11/12/2018	Quality Manager	Initial Release
B	4/16/2019	Quality Manager	Added "See Clause 170" to clause 40. Added Clause 170 "Mercury Exclusion Statement".