

THE QUALITY ASSURANCE CLAUSES REFERENCED ON THE PURCHASE ORDER BY CLAUSE NUMBER ARE DETAILED BELOW. THESE CLAUSES PROVIDE SUPPLEMENTAL INFORMATION OR DIRECTION WHICH IS AN ESSENTIAL PART OF THE PURCHASE ORDER/CONTRACT.

IN THE EVENT OF CONFLICT BETWEEN THE CLAUSES AND OTHER SPECIFICATIONS, SAID CONFLICT MUST BE SUBMITTED TO KEARFOTT'S SUPPLIER PROCUREMENT QUALITY ASSURANCE ENGINEERING VIA THE BUYER FOR RESOLUTION.

FAILURE TO MEET THE REQUIREMENTS OF THE IMPOSED CLAUSES WILL RESULT IN THE REJECTION AND POSSIBLE RETURN OF THE MATERIAL SUBMITTED.

KEARFOTT INSPECTION AND ACCEPTANCE OF MATERIAL AT A KEARFOTT APPROVED SUPPLIER FACILITY DOES NOT RELIEVE THE SUPPLIER FROM THE RESPONSIBILITY FOR COMPLIANCE WITH REQUIREMENTS OF THE PURCHASE ORDER, DRAWING AND APPLICABLE SPECIFICATIONS.

- Q003A – The supplier shall maintain a Kearfott approved Quality System. The quality system should include, but not be limited to, Contract Review; Document and Data Control; Product Identification and Traceability; Process Controls; Control of Inspection, Measuring, and Test Equipment; Inspection and Test Status; Control of Nonconforming Product; Handling, Storage, Packaging, Preservation, and Delivery; and Control of Quality Records.  
  
NOTE: The supplier is not authorized to conduct Material Review Board (MRB) decisions on Kearfott products manufactured within their facilities, and must notify Kearfott of the nonconformance by submitting a "Material Review Report (MRR)" form which can be obtained through the buyer.
- Q006 – Government inspection is required for the material on this Purchase Order prior to shipment from your plant. On receipt of this order, promptly furnish a copy to the Government Representative who normally services your plant, or, if none, to the nearest Army, Navy, Air Force or Defense Supply Agency inspection office. In the event the representative or office cannot be located, the Kearfott Buyer should be notified immediately.
- Q017A – The supplier shall complete a First Article Inspection (FAI) to all Kearfott drawing requirements (dimensions and notes). The FAI data shall accompany the first lot of material shipped against this order.
- Q022 – Items covered by this Purchase Order are to be inspected in-process, at control points stipulated on the Purchase Order, at your facility, by a Kearfott Quality Control representative. You must give the Kearfott Buyer two (2) days advance notice, for source inspection coverage. The Accept Event form provided by the source representative must accompany parts on delivery to Kearfott.
- Q023 – Electronic devices on this Purchase Order shall be subject to precap inspection at your facility by a Kearfott Quality Control representative. You must give the Kearfott Buyer two (2) days advance notice for source inspection coverage. The Accept Event form provided by the source representative must accompany parts.
- Q025 – Items covered by this Purchase Order are to be submitted to a Kearfott Quality Control representative for final acceptance at your facility. Acceptance at your facility does not negate your responsibility, as a supplier, to meet all requirements of the contract/specification. You must give the Kearfott Buyer two (2) days advance notice for source inspection coverage. The Accept Event form provided by the source representative must accompany the material. Final acceptance is subject to review at the Kearfott buying facility.
- Q029A – Material on this order must be accompanied with test data as defined in the Purchase Order and/or drawing. The test data sheet heading must include, but is not limited to, Kearfott Purchase Order number, part number (Kearfott and supplier), drawing revision status, test identification (name), paragraph number, inspection level and AQL, part date code(s), quantity tested and quantity accepted for each test.
- Q033A – The supplier must submit a Certificate of Analysis (C of A) to certify that the material supplied on this order meets all the specification requirements. The C of A must, as a minimum, include the following:
  1. Suppliers' Name and Address
  2. KG&N purchase order number
  3. Part number and revision level
  4. Serial or lot number(s)
  5. Batch, heat or melt number(s), when applicable
  6. Chemical analysis of composition, by percentage
  7. Mechanical properties, as applicable
  8. Certifying signature.

- Q037C - The supplier must submit a Certificate of Compliance (C of C), in the supplier's own format, to certify that the materials and processes used in the parts supplied on this order meet all drawing/specification requirements. The C of C must include the following:
1. Suppliers' Name and Address
  2. KG&N purchase order number
  3. Part number as specified on the P.O., and the As-Built revision level
  4. Statement of Resubmission of Reworked Material - All items rejected by Kearfott and subsequently resubmitted to Kearfott for acceptance shall be indicated on C of C.
  5. Serial or lot number(s) and/or Date code
  6. Quantity
  7. Certifying signature and date.
- Q038A - Special Certificate of Compliance for electronic components: Items supplied to this Purchase Order specifically **DIS-ALLOW** the use of pure tin and require no less than 3 percent lead Composition in any **PLATING OR SOLDER PROCESS/PROCESSES**. The supplier must submit a Certificate of Compliance (C of C), in the supplier's own format, to certify that the items supplied meet this requirement. The C of C must also include the following:
1. Suppliers' Name and Address
  2. KG&N purchase order number
  3. Part number as specified on P.O.
  4. Serial or number(s) and/or Date Code
  5. Certifying signature and date
- Q043 - Supplier to provide catalog or product specification data sheet with material submitted. Specification or catalog data submitted must define supplier's product in sufficient detail to support identification and verification of significant mechanical/electrical/chemical characteristics.
- Q045 - The Supplier shall package parts I.A.W. IPC-786-004 or J-STD-033. If parts are received and packaged improperly they will be returned immediately to the Supplier.
- Q057 - The specification for this part requires a leak or pressure test. The supplier must submit, for each item delivered, objective evidence that part(s) meet this requirement.
- Q061 - One (1) sample piece, representative of each casting mold or forging/forming tool or die or mold cavity(s), in any stable material accompanied with a copy of the supplier's detail inspection report, must be submitted for Kearfott approval of supplier produced tooling. When an item includes cored passages or other dimensioned design features requiring sectioning of the part for evaluation, the supplier must also submit the sectioned layout sample for Kearfott evaluation. Kearfott will not be responsible for quantity production commenced prior to Kearfott approval of supplier's tooling/sample part. Kearfott acceptance of tooling sample does not constitute acceptance of supplier's subsequent production.
- Q063 - Gear traces are required for 100% of the gears (0.0 AQL) on this order. Traces of tooth-to-tooth error, total composite error and testing radius must accompany the gears and must be appropriately marked for identification to the gear to which they apply. When gears are required to be serialized, gear traces must also be serialized.
- Q083C - The supplier shall supply, with the delivery, test coupons for evaluation in accordance with one or more of the following requirements, as applicable:
1. Drawing
  2. MIL-PRF-55110
  3. MIL-P-50884
  4. Quality Assurance Clause "Q213"
- The coupons must be a representation of the parts supplied, marked with the part number, affected serial numbers, date code, and panel traceability number.
- Q106B - The first casting from each new or modified pattern tooling shall be radiographed in accordance with ASTM E 1742. Radiographs shall be interpreted in accordance with MIL-STD-2175. One (1) complete set of radiographs, one copy of radiographic technique sheet in radiographic lab's own format, and one (1) copy of the radiographic inspection report shall accompany the first piece submitted for Kearfott review and approval.
- Q108A - The electronic/electrical components/parts must be radiographed and the images interpreted in accordance with the applicable component drawing requirements. One (1) complete set of radiographs, and one (1) copy of the radiographic inspection report shall accompany the components/parts submitted to Kearfott.
- Q111 - Annealing, heat treating or stress relief requirements of the drawing must be documented with furnace time-temperature charts, the charts must be kept on file, subject to Kearfott review.
- Q121 - The supplier must indicate the date of manufacture of any material still in an age sensitive state which forms a part of the supplies submitted in accordance with this order. This information must be conspicuously marked on the lowest order of packaging/unit packaging (i.e., contains Age Sensitive Material, Date of Mfg.). The remaining shelf-life of the age sensitive material must be at least 75% upon receipt at Kearfott.

- Q122 – The Distributor of this solvent must supply material in virgin drums packaged and sealed by the solvent producer. Each drum must be marked with the batch/lot and date of manufacture, not the date of packaging.
- Q209 – MIL-STD-1686 Electrostatic Discharge Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment.
- Q211 – MIL-STD-981 Design, Manufacturing and Quality Standards for Custom Electromagnetic Devices for Space Applications, applies to this order.
- Q212B – For Kearfott and ACA orders only:  
Material on this order must be accompanied by RN Verification Sheet and Accept Event form (F5014).
- Q213 – The following special requirements apply:  
NOTE: Additional quality requirements which are not referenced on this form may apply; therefore, they will appear under clause Q213.
- Q214 – Additional baseline configuration drawings are listed below:  
NOTE: The applicable line item and part number shall be identified followed by a listing of the applicable documents and revisions (i.e., parts lists, specifications, and drawings.)