

**PURCHASE ORDER ATTACHMENT
ASSIGNED QUALITY REQUIREMENTS**

To the extent specified in the purchase order, the following "Q" requirements become an integral part of the Purchase Order Terms and Conditions.

Q1 GOVERNMENT SOURCE INSPECTION

Government inspection is required prior to shipment from supplier's plant. Evidence of such inspections shall be indicated on the packing sheet and certifications accompanying each shipment. On receipt of this order, promptly furnish a copy to the Government office or representative who normally services your plant so that appropriate planning for Government inspection can be accomplished. In the event the representative or office cannot be located, Whittaker Controls' buyer shall be notified immediately.

Q2 CUSTOMER SOURCE INSPECTION

Whittaker Controls' customer source inspection is required prior to shipment from supplier's plant. Evidence of inspection shall be indicated on the certifications accompanying each shipment. Notify Whittaker Controls' buyer at least forty-eight hours prior to need for source inspection.

Q3 WHITTAKER CONTROLS SOURCE INSPECTION

Whittaker Controls' source inspection is required at supplier's plant as noted. Evidence of inspection shall be indicated with the certifications accompanying each shipment. Notify Whittaker Controls' buyer at least twenty-four hours prior to need for source inspection.

Q3.1 IN-PROCESS INSPECTION

Materials and services are subject to inspection throughout all or portions of the manufacturing and/or testing operations. Whittaker Controls' Quality Assurance will establish the mandatory inspection points. Other conditions of Q2 apply.

Q3.2 SHIPPING INSPECTION

Materials and services are subject to inspection prior to packaging and shipment from supplier's plant.

Q4 QUALITY SYSTEM REQUIREMENTS

The supplier shall have in place a program that conforms to:

- Q4.1** MIL-Q-9858A, Quality Program Requirements
- Q4.2** MIL-I-45208A, Inspection System Requirements
- Q4.3** NASA NAB 5300.4 (1C), Inspection System Requirements
- Q4.4** ISO9001: 2000
- Q4.5** AS9100A
- Q4.6** ISO 14001:2000

Q5 INSPECTION AND TEST PLAN

The Supplier shall prepare an Inspection and Test Plan, including a flow chart of inspection and test points. Type of inspection or test at each point on the plan shall be identified. Two copies of the plan shall be submitted to Whittaker Controls' buyer for approval by Whittaker Controls' Quality Assurance prior to the start of work.

Q6 PHYSICAL AND CHEMICAL ANALYSIS

Test reports which list actual chemical/mechanical values and which state conformance to applicable material specifications shall be submitted on each shipment.

Q7 FIRST ARTICLE INSPECTION

Supplier shall submit a first article report compliant, as a minimum, with AS9102 Form 3 and the article representative of this production. The first article unit(s) shall be identified by tagging, serial number, or other positive method. Production shipments shall be withheld pending Whittaker Controls Quality Assurance approval.

Q8 ACCEPTANCE TEST REPORTS

Include with each shipment a true copy, signed by a responsible representative of the supplier, of the results of the lot or item acceptance tests required by the applicable specification. The report shall indicate the actual values obtained.

Q9 APPROVED PROCESS SOURCES

Supplier shall use only processors included in the Whittaker Controls Approved Processor List (APL). The APL is available from Whittaker Controls buyer or at www.wkr.com/quality/qa_downloads.asp Supplier shall submit with each shipment a certificate of work to the latest revision of the controlling specification.

Q10 TRACEABILITY

All items are subject to traceability of the history, application, use and location of the item through the systematic assignment recording and correlation of control identification numbers assigned by Whittaker Controls

Q10.1 Category I items, traceability by serial number. Each item and all associated documentation (test reports, certifications, etc.) shall be identified with the traceability serial number as directed by purchase order.

Q10.2 Category II items, traceability by lot number. All items within the lot and all associated documentation (test reports, certifications, etc.) shall be identified with the lot traceability number. Unless otherwise specified, the purchase order number shall be the lot traceability number.

Q11 MATERIAL CERTIFICATION

Each shipment shall be accompanied by a dated certification, signed by a responsible representative of the supplier, stating that the items were produced from:

Q11.1 Materials furnished by Whittaker Controls. The certificate of conformance shall list the Whittaker Controls material code number assigned to the furnished material.

Q11.2 Materials which the supplier has available for examination and objective evidence of conformance to the purchase order and applicable specifications. The specifications shall be listed, including the revision or date.

Q11.3 Material Certificates per EN 10204, 3.1.B or 3.1.C are required upon delivery of hardware.

Q12 CERTIFICATION OF GOVERNMENT O.P.I. SOURCE

The supplier shall include with each shipment, a dated certified statement that the items on the purchase order were produced by manufacturer holding a current approval to a Qualified Products List. Objective evidence to support this certificate shall be on file and made available for review upon request.

Q13 CERTIFICATE OF CONFORMANCE

Each shipment shall be accompanied by a certification stating that the items were manufactured in conformance with the purchase order, engineering drawing and specification requirements, and the manufacturing data is on file for examination (retained for four years minimum). Certification shall be dated and signed by the authorized supplier representative.

Q14 SPECIAL REQUIREMENTS

Special requirements established by Quality Engineering and transmitted to the supplier by notation on the body of the purchase order.

Q15 SPECIAL PACKAGING

Articles have critical surfaces and shall be packaged by supplier for protection against damage. Additional requirements of G10 apply.

Q16 TOOL ACCEPTANCE

Tool acceptance is subject to first article approval (Ref. Q7) by Whittaker Controls. Tooling may be recalled at no cost or liability to Whittaker Controls.

Q17 GENERAL REQUIREMENTS

The general quality requirements G1 through and including G13 apply.

Q18 OZONE DEPLETING SUBSTANCES

Warning statements on containers of and products manufactured with certain ozone depleting substances are required beginning on May 15, 1993 pursuant to Section 611 of the Clean Air Act. The requirement will not apply when the manufacturer/processor submits sufficient evidence that product was manufactured/processed prior to May 15, 1993. The packing slip/invoice for each shipment shall bear the following warning statement (clearly legible and conspicuous):

WARNING: Manufactured with (insert name of Class I substance) a substance which harms public health and environment by destroying ozone in the upper atmosphere.

Q19 SYNTHETIC RUBBER MATERIALS PACKAGING AND ID.

Synthetic rubber materials shall be packaged in either craft paper, or UV-resistant .075mm min thickness polyethylene, or salt-free metal-foil bags. Opaque packaging is preferred. Packaging materials shall be free of copper naphthenates or creosote preservatives. Package shall contain no more than 50 units.

Each package shall be identified with Cure Date (Quarter-Year), part number, manufacturer and distributor names.

Unless otherwise specified, maximum age of elastomer at the time of acceptance at Whittaker Controls shall be 12 quarters or 50% of shelf life (whichever is less) from the cure date

**PURCHASE ORDER ATTACHMENT
GENERAL QUALITY REQUIREMENTS**

The following general requirements are an integral part of the purchase order terms and conditions. The ability to comply with these requirements is inherent in an acceptable supplier quality program or inspection system.

G1 ACCEPTANCE OF MATERIALS AND SERVICES

Whittaker Controls may refuse to accept materials and services delivered under a purchase order if the seller fails to comply with the herein General Requirements, or the purchase order Assigned Requirements.

G2 QUALITY AUDITS

During the performance of the purchase order, the supplier's quality program or inspection system and manufacturing processes are subject to review verification and analysis (subject to proprietary considerations) by the cognizant government agency and/or Whittaker Controls.

G3 EQUIPMENT CALIBRATION

A system for control and use of inspection equipment in accordance with **ANSI/ASQC-Q10012 & ANSI/NCSL Z540-1** shall be in place. All inspection equipment shall be calibrated against certified standards and traceable to national standards.

G4 SOFTWARE CONTROL

Suppliers of materials and services utilizing computer aided design, computer aided manufacturing/processing or computer aided test equipment shall comply with the requirements of DOD-STD-2168. On request, the supplier shall make available for review and approval the quality control procedures on software controls.

G5 FIRST PIECE LAYOUT

Fabricators shall perform, document and make available on request, layout inspection data on all characteristics, hidden and exposed. The inspections shall demonstrate adequacy of gaging, completeness of manufacture and compliance to drawing.

G6 RECORDS

Records of manufacturing, testing, processing, inspection, packaging and shipping of items on a purchase order shall be retained for a minimum of seven (7) years after completion of the order. Records shall be made available for review on request.

On contemplating the closing of the business, Whittaker Controls shall be advised to affect the transfer and possession of the records.

G7 NONCONFORMANCE

A system shall be in effect for the control of material nonconforming to drawings, specifications or other purchase order requirements. Such material shall be withheld from shipment until authorized by the Whittaker Controls Purchasing Department with an approved Material Rejection Report (MRR). The MRR shall describe the nonconformance in detail, the quantity, the cause and corrective action to preclude a recurrence. Acceptance of the MRR

by Whittaker Controls Material Review Board will not affect the supplier's quality rating providing no other non-conformances are found during the receiving inspections.

G8 UNAUTHORIZED REPAIRS

Repairing of material by plating or anodize build-up, welding, brazing, plugging or any other method is prohibited unless authorized in writing by the Whittaker Controls Material Review Board.

G9 CORRECTIVE ACTION

Materials or services found to have a quality problem will result in a formal request for corrective action. Such requests require a timely response. On government source inspected material, the supplier shall coordinate the corrective action reply with the government quality representative assigned to his plant.

G10 HANDLING CONTAMINATION

All materials shall be protected against handling damage, corrosion, deterioration, contamination or other spoilage at the supplier's plant, during transit and on receipt at Whittaker Controls. No staples are allowed in the packaging of materials.

G11 FOREIGN OBJECT DAMAGE (FOD)

Suppliers of FOD sensitive articles shall establish procedures to control and eliminate Foreign Object Damage and/or contamination during manufacturing, assembly, test and inspection operations. The FOD program shall be subject to review and approval by Whittaker Controls.

G12 PROHIBITED PRACTICES

The following acts or practices are typical of those prohibited: (a) Unauthorized repairs. Repairs by welding, brazing, soldering, plugging, bushing or use of paints, adhesives or plating, or any other method, on parts damaged or found to be faulty during fabrication process, or on defects in castings or forgings, are prohibited unless specifically authorized by buyer in writing; (b) Unauthorized Changes. Seller shall not change, add, or delete any process, material or procedure without prior buyer written approval if such process, material or procedure was originally subject to approval by the buyer.

G13 ANTI-TERRORIST POLICY

The supplier agrees to comply with Executive Order Number 13224 – blocking property and prohibiting transactions with persons who commit, or support terrorism, notice of September 24, 2001 – and further agrees to include this statement in each lower-tier subcontract or purchase order issued hereunder.