



Quality Codes

Subject: QC Codes
Rev: 02
Effective Date: 9-18-15
Owner: Quality

Revised: 9-18-15 by Benjamin E. Rios

Approvals:


Director of Logistics: Kaetzger Date 9/18/15

Director of Quality & Safety: [Signature] Date 9-18-15

President: [Signature] Date 9-18-2015

Summary of Revisions

Revision	Date	Description of Changes	Pages Affected
Draft	6/7/2014	Initial design and release for review	All
IR	9/24/2014	Management edits	All
01	10/3/2014	Active public release	All
02	9-18-15	Update to Counterfeit section references	5

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Proprietary Statement

The technical data and the designs disclosed herein are exclusive property of KWD Manufacturing Inc. or contain proprietary rights of others and are not to be used or disclosed to others without the written consent of KWD Manufacturing Inc. The recipient of the document, by its retention and use, agrees to hold in confidence the technical data and designs contained herein. The forgoing shall not apply to persons having proprietary rights to such technical data or such design to the extent that such right exists.




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QC01 Certification of Conformance *General*


The Supplier shall submit with each shipment, a Certificate of Conformance, dated and bearing the signature and title of an authorized Supplier's Representative, stating that the materials furnished to KWD are in conformance with applicable requirements of the Purchase Order, Drawings, and Specifications and supporting documentation is on file and will be made available to KWD upon request. Certification shall include name of the Supplier, part number, drawing revision (if applicable), part number, quantity shipped, KWD purchase order and line item number. An example of an acceptable certification of conformance is shown in Enclosure A in the Agencies of this document: FAILURE TO SUPPLY THE REQUIRED CERTIFICATION WILL BE CAUSE FOR REJECTION OF SHIPMENT AND WILL DELAY PAYMENT OF INVOICES.

QC02 Certification of Conformance *Authorized Distributors*

The Supplier shall submit with each shipment, a Certificate of Conformance, dated and bearing the signature and title of an authorized Supplier's Representative, stating that the materials furnished to KWD Manufacturing Inc. are in conformance with applicable requirements of the Purchase Order, Drawings, and Specifications and that supporting documentation is on file and will be made available to KWD Manufacturing upon request. Certification shall include name of the Supplier, Name of the OEM/OCM, drawing revision (if applicable), Supplier's part number, OEM/OEM part number, quantity shipped, KWD purchase order and line item number. Include a statement that the OEM/OCM has authorized your firm to distribute the product and if possible a letter of authorized distribution. An example of an acceptable certification of conformance is shown in Enclosure A in the Agencies of this document: FAILURE TO SUPPLY THE REQUIRED CERTIFICATION WILL BE CAUSE FOR REJECTION OF SHIPMENT AND WILL DELAY PAYMENT OF INVOICES.

QC03 Certification of Conformance *OEM/OCM*

The Supplier shall submit with each shipment, a Certificate of Conformance, dated and bearing the signature and title of an authorized Supplier's Representative, stating that the materials furnished to KWD Manufacturing Inc. are in conformance with applicable requirements of the Purchase Order, Drawings, and Specifications. Certification shall include name of the Supplier the part number, drawing revision (if applicable), Supplier's part number, quantity shipped, and KWD purchase order and line item number. An example of an acceptable certification of conformance is shown in Enclosure A in the Agencies of this document: FAILURE TO SUPPLY THE REQUIRED CERTIFICATION WILL BE CAUSE FOR REJECTION OF SHIPMENT AND WILL DELAY PAYMENT OF INVOICES.

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QC04 Quality Management System

The supplier shall maintain a Quality System based on MIL-Q-9858A, MIL-I-45208A, or in compliance with ISO 9001:2008, SAE-AS9100, or other company accepted documented Quality Systems.

QC05 Quality Management System (Registered)

The supplier shall maintain a Quality System third party certification to ISO 9001:2008, SAE-AS9100, or other company accepted documented Quality Systems.

QC06 Measurement Management System


The supplier shall implement and maintain a Measurement Management System conforming to ISO 10012 or ISO17025.

QC07 Material Test Report

The Supplier shall submit with each shipment, one copy of test reports indicating chemical composition and/or actual physical properties identifiable to each lot, batch or heat treat lot. An Authorized Supplier's Representative shall validate this report, by either an inspection stamp or signature and title.

QC08 Counterfeit Parts Warranty

By acceptance of this purchase order the supplier represents and warrants that only new and authentic materials are used. Products to be delivered contain no Counterfeit Parts or suspect Counterfeit Parts. Counterfeit Part means a product produced or altered to resemble or imitate an original or genuine product or new item without the authority or right to do so. Such parts may be of new manufacture, but are misleadingly labeled to provide the impression they are of a different class or quality or from a different source than is actually the case. The Supplier shall maintain a documented system (policy, procedure, or other documented approach); consistent with applicable industry standards for the detection and avoidance of counterfeit electronic parts and suspect counterfeit electronic parts. As designated per customer upon current revisions of AS5553, AS6174, and ISO12931. [..KWD QMS\ISO 12931 AS5553 AS6174 Counterfeit Standards](#)

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QC09 Certification of Calibration

Supplier shall provide a signed certificate which includes the following: KWD purchase order number, Equipment ID or serial number, Manufacturer, Model number, Equipment description, calibration procedure number, date of calibration, recall date and OEM/OCM required value and measured value as well as the equipment identification number used to measure the values. The certificate shall be signed by an authorized representative of the calibration facility.

QC10 Certification of Proof Load

Supplier shall provide a signed certificate which includes the following: KWD purchase order number, Equipment ID or serial number, Manufacturer, Model number, Equipment description, date of proof load test OEM/OCM or Purchase Order Specified required load value and measured value as well as the equipment identification number used to measure the values.

QC11 Domestic Specialty Metals


Supplier shall provide only domestic metals per DFAR 252.225 melted within the United States of America as listed in DFAR 225.872-1.

QC12 First Article Inspection (FAI)

The Supplier shall provide a first article manufactured to the specified configuration. The product will be 100% inspected by the supplier for conformity to the drawing and purchase order specifications. The first article data (containing both required characteristic values and measured values with a record of the equipment used and asset identification of that equipment) will accompany all shipments. First Article Acceptance by KWD is required prior to beginning production of the production items.

QC13 Source Inspection

The Supplier shall notify KWD prior to shipping the product and allow KWD inspection personnel access and to the equipment necessary to confirm the product conforms to the drawings and specifications as specified in the purchase order.

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QC14 Shelf Life

All life-limited items must have a minimum of 75% life remaining upon receipt at KWD per limits established by the Aerospace Standard for age control, SAE AS 1933 (Revision A) and SAE ARP 5316 (Revision C), or the manufacturer or MIL-HDBK-695 (Revision E). Cure date/date of manufacture and shelf life/expiration date are required to be printed on the supplier's certificate of conformity. Manufacturer's name and batch/lot number are required if applicable.

QC15 Foreign Object Damage (FOD) Prevention


Supplier shall maintain good housekeeping and where applicable a Foreign Object Debris/Damage (FOD) prevention program, to preclude introduction of foreign objects into any deliverable item. Supplier shall employ appropriate housekeeping practices to assure timely removal of residue/debris generated during manufacturing operations or tasks. Supplier shall determine if sensitive areas that have a high probability for introduction of foreign objects should have special emphasis controls in place for the manufacturing environment.

QC16 Hazardous Communication

Each individual container of toxic substances or hazardous chemicals to be delivered hereunder shall bear a label from the manufacturer, importer, distributor or supplier with the chemical name and hazard warning as defined by OSHA Hazard Communication Standard 29 CFR 1910, 1200 and state employee "Right to Know" laws. Additionally, the applicable MSDS (Material Safety Data Sheet) shall be provided.

QC17 Banned Substances

KWD complies with international treaties on banned substances in its products. It is requested that the following products not be included in the products supplied to KWD they are; Lead, Mercury, Cadmium (Cadmium Plating is acceptable), Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl, Ethers (PBDE). If your product includes these substances please identify the product and substance and contact your buyer for special disposition and flow up and downs to our customer and clients.

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QC18 Domestic Metals

KWD complies with international treaties pertaining to the purchase of domestic metals via the countries listed in DFAR 252.225-7000. As Shown:

“Qualifying country” means a country with a reciprocal defense procurement memorandum of understanding or international agreement with the United States in which both countries agree to remove barriers to purchases of supplies produced in the other country or services performed by sources of the other country, and the memorandum or agreement complies, where applicable, with the requirements of section 36 of the Arms Export Control Act (22 U.S.C. 2776) and with 10 U.S.C. 2457. Accordingly, the following are qualifying countries: Australia, Austria, Belgium, Canada, Czech Republic, Denmark, Egypt, Finland, France, Germany, Greece, Israel, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom of Great Britain and Northern Ireland

Appendices

