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QC-100 – Aerospace, Defense and Marine PO

Orders of Customer Proprietary Part Numbers may require compliance to that Design Holder's Quality System Requirements. All drawing, specification and documentation must be evaluated for applicable test report, approved process sources, first article inspection reports, to include frequency and format, or other specification requirements during contract review and prior to release for production. Any Proprietary information or supporting information supplied with this purchase order are not to be shared with anyone without Quality Industrial Products approval in writing.

THE FOLLOWING QUALITY CLAUSES APPLY

- QC-101 Certificate of Conformance
- QC-102 DFAR 252.225-7009 specialty metals
- QC-103 Right of Entry
- QC-104 ASL/QPL/AVL
- QC-105 Subcontracting Policy
- QC-106 Configuration Management
- QC-107 Test Reports, Certification Results and Laboratory Analysis
- QC-108 Mercury Free
- QC-109 Prohibited Substances
- QC-110 FOD (Foreign Object Debris / Foreign Object Damage)
- QC-111 Quality Management System
- QC-112 Special Processes
- QC-113 First Article Inspection Reports
- QC-114 Notification of Export Controlled Date & ITAR Restrictions
- QC-115 Calibration Systems
- QC-116 Record Retention of Quality Industrial Products Documentation
- QC-117 Shelf Life/Warranty provided.

QC-200- Commercial PO

Products not associated with Aerospace, Defense, or Marine.

THE FOLLOWING QUALITY CLAUSES APPLY

- QC-101 Certificate of Conformance
- QC-104 ASL/QPL/AVL

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- QC-105 Subcontracting Policy
- QC-106 Configuration Management
- QC-107 Test Reports, Certification Results and Laboratory Analysis
- QC-108 Mercury Free
- QC-109 Prohibited Substances
- QC-110 FOD (Foreign Object Debris / Foreign Object Damage)
- QC-111 Quality Management System
- QC-112 Special Processes
- QC-114 Notification of Export Controlled Data & ITAR Restrictions
- QC-115 Calibration Systems
- QC-116 Record Retention of Quality Industrial Products Documentation
- QC-117 Shelf Life/Warranty provided.

QC-300- Non-product PO
Non-Stock Product, shop supplies, samples, ect.

THE FOLLOWING QUALITY CLAUSES/AGREEMENTS APPLY

- Itemized Packing Slip that References the purchase order.

QC-400- Shop-Overload PO
Product sent to have a process preformed outside of Quality Industrial Products.

THE FOLLOWING QUALITY CLAUSES/AGREEMENTS APPLY

- As described on shop-overload work instruction issued.
- QC-110 FOD (Foreign Object Debris / Foreign Object Damage)
-

S/L(XX): Shelf Life/Age Control

- Must have (XX)% remaining at time of receipt.
- If no shelf life code is called out, a minimum of 50% manufacturers shelf life remaining, unless otherwise waived in the purchase order.

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QC-101 Certification of Conformance

The supplier shall provide a manufacturer's certification of conformance (CofC) with each shipment. The manufacturer's certification must have a Quality Department representative's or an officer of the certifying companies' signature and date. The signature may be electronic, manual, or physically signed and dated by an authorized company representative. Each manufacturer's lot must be segregated and identified to include quantity and lot number on each C of C to maintain lot traceability. If the shipment contains multiple special processed lots within each manufactured lot, each processed lot must be segregated and identified to maintain complete traceability. Number of individual lots in any one order should be limited. Documentation showing clear traceability for the part number ordered, up to and including shipment to Quality Industrial Products (QIP) must be included for each lot in each shipment unless otherwise noted on the applicable purchase order. There must be a clear link(s), that ties the entire certification package together. This includes process certifications performed by sub-tier suppliers. There shall be no breaks in the Chain of Custody ownership and every sale throughout the supply chain process.

All Certificates of Conformance shall include the following where applicable:

- **a)** Purchase order number
- **b)** Part Number (as ordered on purchase order). Referenced part numbers are not acceptable.
- **c)** Current Part Revision Level, unless otherwise noted.
- **d)** If no revision is noted on Purchase order, provide and certify to the latest blue print revision at time of purchase order placement.
- **e)** Revision level of material specification if applicable. Revision level at time of purchase order placement is required for this order unless otherwise agreed upon in writing.
- **f)** Quantity in conformance with lot traceability.
- **g)** Manufacturer's name and part number (if applicable).
- **h)** Lot number: lot number may be defined by any format that provides full traceability to all elements of the manufactured lot – including special processes. Examples (but not limited to) could be date codes, work order numbers & heat numbers, as long as the format fulfills the requirement of full traceability for all elements of the manufactured lot.
- **i)** Serial number (if applicable)

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j) A statement that the parts/materials conform to all applicable drawing and specification requirements

k) If the part is considered ITAR or EAR based upon its original design intent, then ITAR category or ECCN is required for Verification of Export Compliance.

l) If the part is considered dual use, then use the Commercial classification

m) Shelf life requirements including cure date (if applicable). This requirement may be met on distributors certificate of conformance of authorized distributors (DCC).

n) Distributors must also include a signed certification of conformance (DCC).

o) Distributor shall certify to part number ordered on Purchase Order. Distributors shall maintain clear traceability to the original manufacturer for each lot in a shipment.

QC-102 DFAR 252.225-7009 specialty metals.

Compliance options when applicable include:

a) A statement of "conformity per DFAR 252.225-7009" on the certificate of compliance or associated paperwork.

b) Certification to the Country of Melt

c) Copy of original mill certification to validate Country of Melt

QC-103 Right of Entry

Quality Industrial Products, its customers, and regulatory agencies shall have the right of entry, upon reasonable scheduling, to any level of the supply chain necessary to determine and verify the quality of contracted work, records and material. The supplier shall provide facilities, equipment and personnel as necessary for the task.

QC-104 AVL/QPL/ASL/Source of Supply

Where product has been determined to have an AVL/ASL/QPL or otherwise specified Source of Supply, the manufacturer must be approved on the current applicable document for the part number ordered. Supplier/Manufacturer's contract review is responsible for assuring this approval prior to sale. If product received is not manufactured or supplied from an approved source, the product will be rejected.

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QC-105 Subcontracting Policy

Subcontract policy: Quality Industrial Products suppliers shall ensure flow down to, and compliance with, all applicable Purchase Order requirements to their sub-tier suppliers, including approved Special Process providers when required by design owner.

QC-106 Configuration Management:

It is the responsibility of the supplier to ensure that they are working to the latest revisions of specifications referenced within this document as well as the purchase order requirements. This Data must also be flowed down to any Sub-Tier Suppliers utilized in the process.

QC-107 Test Reports / Certification Results / Laboratory Analysis

Suppliers must provide raw materials test reports / certification results / laboratory analysis requirements, as defined by the product definition (engineering drawing, specification, etc.) and/or the purchase order. All reports must be traceable to the purchase order and part number. A test report in accordance with the material or product specification is required with each shipment. Certifications must include the batch number and cure date if age controlled. (Format may be standard mm/dd/year or 4Q01 format). Supplier shall provide material, physical and chemical certifications with actual physical and/or chemical results with each shipment as required by the specification. Test validation may be applicable when specified on the purchase order.

- **a)** Test reports must show actual values as required by the specification.
- **b)** All lots must be segregated and identified to maintain batch and cure date traceability.
- **c)** All Distributers must also include a Certificate of Conformance.
- **d)** Distributers shall include all documents traceable to the original manufacturer for each lot in a shipment.

QC-108 RESTRICTIONS FOR USE OF MERCURY AND OR MERCURY CONTAINING COMPONENTS

Mercury Free Products: Products delivered shall contain no metallic mercury and must be free from contamination by mercury. The Supplier shall not use mercury, mercury components or mercury bearing instruments or equipment that cause contamination during the manufacture, service, assembly, or test of materials. There shall be a mercury free statement on Certification of Conformance. The statement must contain the signature of a corporate or company officer.

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QC-109 Prohibited Substances

a) **European Material Restrictions**
   a. Suppliers delivering product to European sites shall understand and comply with registration, Evaluation, Authorization and Restriction of Chemical (REACH).

b) **RoHS Compliance**
   a. Parts/material ordered on this purchase order, shall comply with the European Union's Directive 2011/65/EU, dated 8, June 2011, Restriction of Hazardous Substances (RoHS).

QC-110 FOD (Foreign Object Damage)

The supplier shall use industry standard, commercially reasonable efforts to prevent and/or remove foreign objects that might be considered a potential source of Foreign Object Damage (FOD) from all parts prior to shipment. Potential FOD includes but is not limited to burrs, chips, dirt, sand, corrosion and contamination resulting from manufacturing, assembly, processing, cleaning storage and subsequent packaging materials (examples: "peanuts" and staples) which may cause contamination, part obstructions or leave non-preservation residue.

QC-111 Quality Management System

1. Organizations shall:
   a) Implement a Quality Management System (QMS) and control processes within;
   b) Use designated or approved external providers including process sources when required;
   c) Notify Quality Industrial Products of nonconforming processes, products or services and obtain approval for their disposition if QIP's on time delivery will be impacted;
   d) Prevent the use of suspected unapproved, unapproved, and counterfeit parts;
   e) Notify Quality Industrial Products of changes to processes, products, or services, including changes in external providers (affecting the product) or location of manufacture;
   f) Flow down to external provider's applicable requirements including QIP requirements;
   g) Provide a certificate of conformity, test reports or authorized release certificate as requested by Quality Industrial Products or by design requirement;

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h) Retain documented information, including retention periods and disposition requirements for no less than ten (10) years.

2. Ensure employees are aware of:

a) Their contribution to product or service conformity;
b) Their contribution to product safety;
c) The importance of ethical behavior.

QC-112 Special Processes

Certification for special processes, such as heat-treating, chemical processing, plating, etc., shall be submitted with each shipment. Certifications may be transcribed to the manufacturer's test report or Manufacturer's Certificate of Conformance for parts processed internally, or a processor's certification may be included. Specification(s) and revision level(s) used to produce the order are required. If product is a customer proprietary item, processes shall be performed by an approved supplier(s) when required by the OEM design activity / Cage Code holder and the processor's certification must be included. A list of approved process suppliers for other OEM's is available from the Quality Industrial Products Buyer or Quality Department. Approved sources and specifications shall be evaluated during contract review and prior to release for production. All process certification(s) shall be completely legible, and reproducible. Quality Industrial Products will review documentation for compliance to requirements, legibility, and reproducibility by electronic scanning and/or copying. The APSL requirement does not apply to standard or commercial standard items, however, the process certification/transcription shall be required. If the shipment contains multiple special processed lots within each manufactured lot, each processed lot must be segregated and identified to maintain complete traceability in each shipment. (Example: when a manufacturing work order is split into two separate heat-treated lots, each heat- treated lot shall be segregated and identified to maintain traceability in the shipment).

QC-113 First Article Inspection Reports

First Article Inspection Report (FAIR) for Customer Proprietary Parts a FAIR shall be submitted to Quality Industrial Products with the initial shipment using AS9102 format. A FAIR is also required if there has been any (one) of the following:

a) Tooling change,
b) Drawing change (FAIR documenting attribute and/or notes changed),
c) Drawing changes which have no effect on product must be documented on a new FAIR stating "no effect"

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d) Change in the manufacture/production location.
e) Two Year lapse in Production

The following information is required on the FAIR:

a) Supplier Name
b) Supplier Code
c) Part Number
d) Latest Revision
e) Purchase Order Number
f) Inspector Name / Stamp
g) FAIR Date
h) Blueprint Zones
i) All Blueprint characteristics
j) All Blueprint Notes (If a note does not apply, identify the note on the FAIR as N/A)

QC-114 NOTIFICATION OF EXPORT CONTROLLED DATA & ITAR Restrictions

The technical data forwarded herewith is "Export Controlled". Export of this information in any form is restricted by the "Arms Export Control Act (Title 22, U.S.C., Sec. 2751 et seq.)" or the "Export Administration Act of 1979", as amended seq. Violations of these export laws are subject to severe criminal penalties. Supplier shall not disclose this information or element thereof, in any form to a foreign person (including foreign person employees), entity, or export it from the United States without U.S. Government authority. Further, by acceptance of this data, supplier agrees to treat this information in confidence and will not use it or disclose to others in whole or in part for any purpose except as authorized in writing. If the supplier determines that disclosure of this information to foreign persons, in whole or in part, is necessary in the performance of the work delineated herein, supplier shall ensure that such disclosure is in accordance with applicable "International Traffic in Arms Regulations" (ITAR). Additionally, supplier shall provide Quality Industrial Products advance notification of such disclosure that will include applicable information required for duty-free entry in accordance with the applicable FAR/DFAR clauses. Supplier shall flow the substance of this notice to all lower tier suppliers where technical data is provided. If applicable to this Purchase order, Federal Acquisition Regulation (FAR) Defense Federal Acquisition Regulations (DFAR) and Customer Flow down clauses in effect on the date of this Purchase Order will be noted on the face of the order by FAR/DFAR number or document number and they are incorporated by this reference as if set out fully herein.

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QC-115 Calibration Systems
Calibration Systems shall meet the applicable requirements of ISO 10012, ISO 17025 or ANSI/NCSL Z540-1.

QC-116 Record Retention of Quality Industrial Products Documentation
All documents generated incompliance to QIP requirements shall be maintained for 10 years at the Suppliers facility, and available to QIP upon request. Suppliers will regard the documents created to meet requirements proprietary and cannot be released without QIP consent and approval. Electronically Stored documents are to be backed up as to prevent loss or unintentional change. Paper records are to be preserved & protected from damage or unintended changes. In the event the records are discovered damaged, unintentionally changed, or lost QIP must be notified immediately.

QC-117 Shelf Life/Warranty provided.
The shelf life specified by the Manufacturer will be considered the warranty of the product. Unless noted within implied specifications, material that fails to meet requirements certified at time of receipt, within the manufactures determined shelf life will be replaced at the supplier's expense, in an expedited and prioritized manner.

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