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1.0 PURPOSE

1.1 To establish a uniform procedure to assure that our Suppliers' adhere to our Quality Codes on our Purchase Orders to be in compliance to AS9100.

2.0 SCOPE

2.1 The coded requirements listed are applicable to material furnished under the Purchase Order upon which they are referenced. Failure to comply with these requirements, when referenced on the Purchase Order, can be cause for rejection.

3.0 QUALITY CODES

5 The supplier shall maintain an effective quality system, based on ISO9001 or equivalent that will assure adequate control of quality throughout the process of this Purchase Order (PO) with Omnetics Connector Corporation (OCC).

Suppliers shall maintain internal lot traceability, including original manufacturer, manufacturer's part number, lot number, batch or date code.

Suppliers of products that are custom must flow down all applicable requirements that have been applied to this PO to their sub tier suppliers, including this code.

10 The supplier shall provide a legible and reproducible Certification of Conformance (C of C) on all OCC shipments. The C of C may be a separate document or may be included on the packing list. The C of C should include, the supplier/manufacturers name, OCC PO number, OCC part number, revision if applicable, shelf life if applicable, quantity, lot numbers, and shall be signed by authorized personnel. Name of authorized personnel may be signed, digitally signed, or typed name/initials.

The C of C shall also include any and all Military Specifications, Standards, and Test Methods called out on the PO, OCC drawing, or OCC finish specification if applicable along with their revision level used at the time of manufacturing or plating.

Raw material certification is required if applicable. If Military Specifications, Standards and Test Methods are called out on the PO or OCC drawing, they shall be included on the certification along with their revision level used at the time of manufacturing.

A RoHS certification is required if the product is RoHS compliant.

Certification of Analysis is required if applicable.

Inspection or test data is required if applicable.

15 The supplier shall provide product to OCC protected and free of any contamination or foreign object damage/debris (FOD). Parts purchased shall be free of cuts, nicks, fuzz, fur and fibers. Burrs and flash must be controlled within the specifications of the product.

20 The supplier shall use best commercial packaging of product to maintain the quality of the product and also to protect the product against deterioration, corrosion, oxidation, and damage during transit.

25 The supplier shall provide a Safety Data Sheet (SDS) for the products shipped.

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- 30 The supplier shall notify OCC, by phone or email, prior to the due date, if the due date is not going to be met or the shipment will be considered late, and will be reflected on the supplier's monthly performance report. OCC accepts early shipments.
- 35 The supplier shall not purchase, acquire products, or make transactions with persons who commit, threaten to commit, or support terrorism in accordance with Executive Order 13224, per FAR 52.222-50.

The supplier shall not purchase, acquire products, or make transactions with persons who engage in trafficking of persons or related activities, including but not limited to the use of forced labor.
- 40 The supplier shall allow representatives of OCC its customers, and/or regulatory agencies, the right of entry to visit the supplier and its suppliers to conduct surveys, audits and resolutions of quality issues with OCC custom products. This requirement must be flowed down to all sub tier suppliers.
- 45 Omnetics does not require shipping insurance unless specifically stated on the Purchase Order.
- 50 The supplier shall not implement any changes to OCC drawings and /or specifications and/or material without written approval from OCC.

The supplier shall also notify OCC of any changes in their quality system, ownership, name, or address/change of location. This requirement must be flowed down to all sub tier suppliers.
- 55 The supplier shall provide a First Article Inspection (FAI) report to be sent with the products to OCC. First Articles should be performed on the first production run and when there are revision changes a Delta First Article can be performed and sent to Omnetics. The FAI reports should be clearly labeled as such when provided to OCC.
- 60 Suppliers must agree to provide information relevant to the Dodd-Frank section 1502: Conflict Minerals (DFS1502) reporting requirements where applicable.
- 65 The supplier shall not ship age sensitive or product with a shelf life that is less than 75% of the useful life remaining without the written approval of OCC.

C of C's for product with a shelf life should contain at minimum the supplier lot number, the date of manufacture, the date of expiration and the storage conditions.
- 70 The supplier must comply with the requirements of DFARS 252.225.7009, Restriction of Acquisition of Articles Containing Specialty Metals or DFARS 252.225-7014 Preference for Domestic Specialty Metals and Alternate 1 found at: <http://www.acq.osd.mil/dpap/dars/dfars/html/current/25225.htm>.

Suppliers C of C must certify DFARS compliance, and should list the country of origin.
- 75 The supplier shall use only OCC approved suppliers when the drawing or Purchase Order states as such.
- 80 The supplier shall only use inspection and test equipment that have been calibrated to the requirements of ANSI/NCSL 540.1 or other recognized standards.

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- 85** Chemical processing (plating, anodizing, passivation, etc.) shall be performed by NADCAP accredited processors for the applicable finish.
The following are Omnetics approved NADCAP chemical processors, we suggest their use but other NADCAP processors can be used as well:
Arrow Cryogenics
Co-operative Plating
Incertec
Midwest Finishing
American Electro Products
- 90** The supplier shall provide a minimum of 5 samples of the underplated material to confirm plating thickness. Plating thickness results, including underplating shall be furnished to OCC with each shipment.
- 95** The supplier shall verify that the gold plated contacts meet the solderability requirements of the J-STD-002, Category 1, Method optional. Tin/Lead plated contacts shall meet the solderability requirements of J-STD-002, Category 2, Method optional. Porosity testing per EIA 364 Test Procedure 53 shall be performed and contacts shall be certified as passing the test. Sample size shall be 12 contacts.
- 100** The supplier shall package integral tail sockets as received, in bags/boxes/clamshells, to prevent damage to the tails.
- 105** The supplier shall provide wire on 12" spools. Shrink back on the NEMA HP3 wire cannot exceed the AS22759 specifications. Plastic spools are preferred.
- 110** The supplier should bag or shrink wrap wire or cable prior to boxing to prevent FOD in transit.
- 115** The supplier shall have a counterfeit prevention, avoidance, detection, mitigation and disposition program to identify counterfeit material and prevent it from being shipped to OCC. If the supplier identifies counterfeit material after it has been shipped, OCC must be notified immediately.
- 120** Drop shipping to locations other than Omnetics facilities is prohibited unless specified on the Purchase Order and via email from an authorized Omnetics buyer.
- 125** The supplier shall provide right to access records of PO at the suppliers or sub-tiers involved in the manufacturing of custom OCC products. The supplier shall make records available within 2 business days of the request of access.
- 130** The supplier shall store records in an area which meets all local Fire & Life Safety Codes that prevents loss, damage, or deterioration. All data stored by electronic means shall be secure with back-up procedures and audited to verify the integrity of the data.
- 135** The supplier shall contact OCC for disposition of records upon sale of business or close of business activities.
- 140** The supplier shall not use erasures, covering or white-outs on changes or corrections to records. Regardless of the media, the following shall be complied with: Draw a single line through old data, enter the correct data, initial and date the change by the individual making the change.

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- 145** The suppliers of custom product to OCC shall retain records for a minimum of 15 years. Distributors of off the shelf product shall retain records for a minimum of 7 years. This information shall be flowed down to sub-tier suppliers.
- 150** The supplier shall not deliver any product that deviates from the PO, drawing, specifications or requirements without prior written approval. Requests for approval to deliver shall include supplier recommended dispositions with sufficient technical justifications. Upon OCC agreement of accepting receipt of the non-conforming product, an Advanced Deviation Request, (ADR), will be completed in full and signed by OCC and the supplier. The ADR must accompany the products when shipped to OCC.
- All non-conforming products shall be clearly identified prior to the supplier shipping so they are easily identified upon receiving.
- The supplier shall notify OCC of any quality concerns and shall provide prompt, written notification if non-conforming product or processes are identified after shipping product to OCC.
- Any quality concerns or rejections as a result of a sub-tier supplier are the responsibility of the suppliers.
- 155.** The Supplier shall ensure that they and their employees are aware of:
- Their contribution to product and service conformity;
 - Their contribution to product safety
 - The importance of their ethical behavior.
- 160** The supplier shall implement Advanced Product Quality Planning (APQP) methods in accordance with AS9145. The supplier will flow these requirements to any sub-tier suppliers per AS9145.
- 165** The supplier shall implement a basic set of cybersecurity controls in compliance with DFARS 252.204-7012. The supplier shall notify OCC if any cyber breaches have occurred that would affect OCC confidential information.