

**EQC-01 UNIVERSAL QUALITY CLAUSE**

All sections of this Quality Note are a requirement of this Purchase Order unless otherwise approved in writing by the Elscott Procurement Agent.

Section Criteria Requirement

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## 1. Quality Management System

1.1 Sellers quality management system shall be in compliance with the current revision of AS9100, AS9100C or ISO 9001:2008 or have an Elscott approved Quality Management System.

1.1.1 Sellers certified to AS9100C or ISO 9001:2008 shall be evidenced by a third party certification.

1.1.2. Sellers certified to AS9100C or ISO 9001:2008 must provide evidence of certification and are required to provide evidence of recertification prior to their current certification expiring.

1.1.3 New Sellers that are not certified to AS9100, AS9100C or ISO 9001:2008 must pass an Elscott Quality Management System audit.

1.2. Distributors (non-value added) quality management system shall be in compliance with the current revision of AS9120, AS9100C or ISO 9001:2008 or have an Elscott approved Quality Management System.

1.2.1. Distributors certified to AS9120, AS9100C or ISO 9001:2008 shall be evidenced by a third party certification.

1.2.2. Distributors certified to AS9120, AS9100C or ISO 9001:2008 must provide evidence of certification and are required to provide evidence of recertification prior to their current certification expiring.

1.2.3. Distributors that are not certified to AS9120, AS9100C or ISO 9001:2008 must pass an Elscott Quality Management System audit.

## 2. Quality Flow Down to Sub-Tier Sellers

2.1. The seller's Quality System shall assure all relevant Purchase Order requirements are flowed down to their sub-tier suppliers. The seller's sub-tier suppliers are responsible to comply with the same specifications and requirements specified on this Purchase Order.

## 3. Product and Process Control and Quality Record Retention

3.1. Seller's Product, Process Control and Quality Records shall be retained at the seller's location a minimum of five years, unless a longer retention period is specified on this Purchase Order or Drawing. The records shall be adequate to ascertain the quality

level of production processes. This includes chemical and physical test results of Raw Material used in the manufacture of the item on this Purchase Order or Drawing. Quality records shall be provided upon request from Elscott.

#### 4. Documentation – Revision and Configuration Control

4.1. The seller shall assure he has the revision of the drawing matching the revision noted on this Purchase Order. If an item on this Purchase Order is controlled by a drawing that lists or references a Parts List (PL) or a Generation Breakdown (GB), the seller must assure that he has the revisions in effect for the date of this Purchase Order. The seller should contact the Procurement Agent whose name is on the Purchase Order for the current drawing revision level listing of the subsidiary drawings on the PL or GB.

4.2. The seller shall only accept changes in the revision status of any of these drawings by means of a duly executed Purchase Change Order. The seller shall not accept changes via verbal or email direction from anyone other than the Procurement Agent.

4.3. If an item on this Purchase Order invokes by reference a military specification, military standards, or other revision controlled requirement documents, the revisions in effect are as of the date of this Purchase Order.

#### 5. Government Inspection

5.1. The United States Government has the right to inspect any or all work at the seller's plant in fulfillment of a US Government contract.

5.2. If formal US Government Source Surveillance (GSS) is not imposed, notification to the government Representative who normally services your facility is not required.

5.3. In the event US Government Inspection is required, the Seller, working with the Elscott Procurement Agent, will provide notification to the US Government.

5.4. Elscott commercial customers, Federal Prime Contractor and/or regulatory authority representatives shall have right of access to quality management system documentation, all applicable records and all facilities involved with Purchase Orders.

#### 6. Manufacturer's Part Numbers

6.1. If an item on this Purchase Order is controlled by a drawing that

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references a "Suggested Source of Supply" and/or "Manufacturer Part Number", this shall not be construed as a guarantee that the suggested seller and/or manufacturer's part number meets the requirements of the drawing. It is the Sellers responsibility to assure that the "Suggested Source of Supply" and/or "Manufacturer Part Number" meets all drawings required on this Purchase Order.

**7. No Changes Without Approval**

7.1. Except for first time purchases, items furnished under this Purchase Order shall be identical in form, fit and function to a product previously approved by the Elscott Procurement Agent.

7.2. The seller shall notify the responsible Elscott of any proposed changes including changes in design, materials, parts, fabrication methods or processes, major plant rearrangement, or plant relocation and changes that will impact form, fit and/or function in the writing. Prior to fulfillment of any purchase order items, Elscott must approve any/all changes with notification provided to the seller by the responsible Procurement Agent.

**8. Prohibition of Pure Tin**

8.1. The uses of Pure Tin Plated finishes are strictly PROHIBITED.

Any Tin Plating or Tin Solder processes shall contain NO LESS than 3 percent LEAD composition, unless specifically authorized in writing by the Elscott Procurement Agent. These restrictions apply for all types and levels of procurements, with the supplier responsible for communicating these restrictions to subcontractors or sub-tier suppliers as required.

8.2. EXEMPTION: If a Supplied Technical Data Package (Drawing or Military Specification) referenced on this order specifies the use of pure tin finishes this prohibition is NOT applicable.

8.2.1. NOTE: If the Technical Data Package specifies a Seller Part Number which contains pure tin, then the purchase order or Technical Data Package must specifically authorize the use of pure tin for the specified part number(s).

8.2.2. NOTE: Tin -plated finishes may be used if:

(a) the seller has a written tin control plan in accordance with GEIA-STD-0005-2 that has been approved in writing by Elscott, and

(b) the tin usage conforms with requirements of the plan.

Lead-free solder processes may be used if: (a) the seller has a written Lead-Free control plan in accordance with GEIA-STD-0005-1 that has been approved in writing by Elscott, and (b) the lead-free solder usage conforms to the requirements of the plan.

## 9. Foreign Object Elimination

9.1. The material supplied on this purchase order shall be manufactured in an environment that is free of foreign objects. Material supplied shall be free of foreign objects. The seller's program shall utilize effective FOD prevention practices. The program shall be proportional to the sensitivity of the design of the product(s) to FOD, as well as, to the FOD generating potential of the manufacturing methods.

9.2.1. The seller's program shall include FOD preventive practices in packaging. There shall be no foreign objects received in packaging and packaging containers. Foreign objects can include staples used for closure of unit packaging, foam peanuts used for cushioning and Styrofoam (can break down and particles cling to parts) used for cushioning. In general, no packaging material shall be used that will leave any residue from the packaging material on the parts as a result of packaging or unpacking the product.

9.3. The written procedures or policies developed by the seller shall be subject to review upon request by the Elscott Procurement Agent and/or government representative, who may issue a formal request for corrective action if the seller's procedures or policies do not accomplish their objectives.

## 10. Preference for Domestic Specialty Metals – EQC-02 (latest revision at time of Purchase Order award)

10.1. This purchase order incorporates Elscott's General Terms and Conditions of Purchase, which impose requirements with which you must comply when filling this purchase order.

## 11. Nonconforming Material

11.1. The seller shall not ship nonconforming material without prior written approval from the Elscott Procurement Agent and the appropriate Supplier Quality Manager.

11.2. Requests for authorization to ship nonconforming material shall be made within 5 days of occurrence and addressed in writing to the Elscott Procurement Agent and the Elscott Quality Manager.

11.3. Nonconforming material, if authorized, shall be shipped to

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Elscott, with a notation on Seller's packing list.

11.4. If it is determined that nonconforming material has been delivered to Elscott the seller shall notify the Elscott Procurement Agent and the Elscott Quality Manager. Such notification shall include, but, not be limited to Purchase Order number(s) part number(s), quantity of affected parts, date of shipment, packing list number, etc.

11.5. Nonconforming material rejected by Elscott and determined to be seller responsibility requires the seller to respond to the request for root cause and corrective action. Failure to respond within the time frame requested could affect future procurement and/or status as an approved seller.

12. Electrostatic Discharge Control Program – If required seller shall have a ESD program in compliance with Mil-HDBK-263.

**13. Special Process Control Requirements**

A Special Manufacturing Process is a process where it is not possible to assure, by typical verification techniques, that product integrity is achieved by the process. The Seller shall certify that these processes such as but not limited to plating, painting soldering, radiography, welding, heat-treating, cleaning, electroplating, anodizing, chemical films, etc. were performed in accordance with specification requirements. The certificate shall identify the products processed, the Procurement Agent's Purchase Order number, and the applicable specifications (including revision letters or numbers) to which the processes conform and the date and the name of the agency that performed the process if other than the Seller.

**13.1. Plating, Surface Finishes and Conditioning Requirements –**

- If an item on this Purchase Order contains plating, a surface finish and/or conditioning, the seller shall comply with the requirements of this purchase order.

13.2. Painting Requirements,- If material supplied on this Purchase Order requires painting it shall be in accordance with purchase order requirements

13.3. Welding & Brazing Requirements –If an item on this Purchase Order contains welding or brazing, the seller shall comply with the requirements of the purchase order.

13.4. Non Destructive Testing (NDT) Requirements –If an item on this Purchase Order contains Non Destructive Testing, the seller shall comply with the requirements specified on the purchase order.

13.5. Heat Treating Requirements - If an item on this Purchase Order

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contains Heat Treating, the seller shall use a NADCAP approved processor for the required Heat Treating process. Refer to website

<http://www.eauditnet.com> for the list of NADCAP approved processors.

13.6. When a Special Process is used, as outlined above in 13.1 to

13.5, where there are no defined Special Process requirements in the drawing, the supplier shall have a controlled Special Process process/procedure and evidence that it has been provided to the Elscott Quality Manager.

14. Component External Lead/Termination Solderability IPC/EIA-J-STD-002 – Quality Note CC (latest revision at time of Purchase Order award)

14.1. If an item on this Purchase Order contains solderable external leads/terminations, the seller shall comply with the solderability requirements of this purchase order.

15. Soldering Requirements – Shall conform to the requirements of the purchase order

15.1. If an item on this Purchase Order requires soldering, the seller shall comply with the soldering requirements and conditions of the purchase order and applicable J-STD's.