

This document contains quality clauses that may form a part of Cicon Engineering, Inc. (Cicon) Purchase Order requirements. The clauses will be listed at the end of every purchase order. All specifications referenced in this document shall be to the latest revision unless stated otherwise.

If a first time Seller, Cicon may visit the Seller to perform a Seller quality evaluation. All Sellers' must fill out a Supplier Assessment Survey **Form# 7.4_1** and include the required documentation for review and approval by Cicon Engineering, Inc. Exclusions to this clause must be noted and approved by Cicon Engineering, Inc.'s (Cicon) Quality Manager in writing prior to order placement.

01 SELLER'S QUALITY MANAGEMENT SYSTEM COMPLIANCE

The Seller shall maintain a quality system in compliance with one of the following Standards, or equivalent (Latest Revision), as appropriate:

ISO 9001 Quality Management System Requirements;

AS9100 Quality Management Systems- Requirements for Aviation, Space and Defense Organizations;

AS9003 Aerospace Standard for Inspection and Test Quality System;

AS9120 Quality Management Systems- Requirements for Aviation, Space and Defense Distributors.

02 SELLER'S CALIBRATION COMPLIANCE

The Seller's system for control and calibration of measuring devices/equipment used for inspection, test and product acceptance shall conform to one of the following specifications/standards or equivalent (Latest Revision), as appropriate:

ANSI/ASQC Z540.3 Requirements for the Calibration of Measure and Test Equipment;

ISO 10012 Measurement Management Systems, Requirements for Measurement Processes and Measuring equipment;

ISO 17025 General Requirements for the Competence of Testing and Calibration Laboratories.

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Exclusions to this clause must be noted and approved by Cicon's Quality Manager in writing prior to order placement.

03 SELLER'S QUALITY MANAGEMENT SYSTEM CERTIFICATION

Seller's Quality Management System must be certified to one of the following, and shall be evidenced by third party certification (Latest revision) as appropriate:

AS9100 Quality Management Systems- Requirements for Aviation, Space and Defense Organizations,

AS9003 Aerospace Standard for Inspection and Test Quality System

AS 9120 Quality Management Systems- Requirements for Aviation, Space and Defense Distributors,

ISO 9001 Quality Management System Requirements (Latest revision) shall be evidenced by a third party certification.

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Exclusions to this clause must be noted and approved by Cicon's Quality Manager in writing prior to order placement.

04 CALIBRATION LABORATORY CERTIFICATION

Seller of Testing and Calibration of tools/equipment must be certified to **ISO 17025** (Latest Revision) Testing and Calibration Laboratories as evidence by a third party certification. Seller shall provide with each unit a certificate of calibration. Certificate shall include Instrument Type, Supplier Part Number, Serial Number or supplier Acceptance/Calibration Procedure Number, Date of Calibration, and Date of Next Calibration is due at a minimum.

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05 GOVERNMENT SOURCE INSPECTION – MILITARY CONTRACTS

Government source inspection is required prior to shipment from your plant. Upon receipt of this order promptly notify the government representative who normally services your plant so that appropriate planning for government inspection can be accomplished. Please supply to the government all documents pertinent to the task so that the inspections can be accomplished.

5A MATERIAL INSPECTION AND RECEIVING REPORTS

The Seller's shipping document/package list shall be used to indicate performance of required government source inspection, in accordance with "FAR APPENDIX I" Par. 1.201, including the specified copy distribution.

5B GOVERNMENT REVIEW

During performance on this order, your inspection systems and manufacturing process are subject to review, verifications and analysis by authorized government representatives. Government inspection or release of product prior to shipments is not required, unless otherwise notified.

06 IN PROCESS SOURCE INSPECTION

In-process source inspection by Cicon required as defined on the purchase order. The Seller shall permit inspection of this order by a Cicon's quality representative. The Seller shall provide access to, on a no-cost basis to Cicon, facilities, equipment, related drawings, specifications and data needed for inspections and/or tests to be performed. At the time of source inspection, the Cicon quality representative shall be permitted to review the Seller's quality system, procedures, facilities, and to perform surveillance of the product. Notification of source inspection dates shall be made through Cicon Procurement and shall allow two working days of time for allocated travel of the Cicon quality representative. No shipments will be accepted without documented evidence of Cicon acceptance of in process inspection points.

07 FINAL SOURCE INSPECTION

Final source inspection by Cicon will be performed as defined on the purchase order. The Seller shall permit inspection of this order by a Cicon quality representative. The Seller shall provide access to, on a no-cost basis to Cicon, facilities, equipment, related drawings, specifications and data needed for inspections and/or tests to be performed. At the time of source inspection, the Cicon quality representative shall be permitted to review the Seller's quality system, procedures, facilities, and to perform surveillance of the product. Notification of source inspection dates shall be made through Cicon Procurement and shall allow two working days of time for allocated travel of the Cicon quality representative. No shipments will be accepted without documented evidence of Cicon acceptance of final inspection.

08 FIRST ARTICLE (AS9102)

The Seller shall perform a First Article Inspection (FAI) per the requirements of AS9102 (Latest Revision) and submit with first piece shipment.

- Seller shall use AS9102 Forms 1 through 3 or their own forms if compliant to AS9102 (same box numbers/requirements).
- Special Process requirements shall include the Cicon's Customer's approval and/or NADCAP certification depending on what is required on the PO.
- All Material and Process Certificate of Conformances (C of Cs) shall be included.
- OEM Manufacturer must be listed on all C of Cs.
- All boxes on all forms must be filled out or insert N/A if not applicable.
- Bubbled drawing (corresponding with characteristics on form 3) for each first article is required.

The First Article part and the First Article Inspection Report shall be packaged separately and shipped with the first article to Cicon.

09 TRACEABILITY OF MATERIAL – GENERAL

The Seller shall provide traceability information to Cicon on all material, parts and assemblies used in fabricating the product. Materials used must be identifiable by lot number, material type, specification and applicable change letter or number, heat number, etc. and traceable to records of acceptance.

9A TWO WAY TRACEABILITY

Traceability forward, where each material or part can be traced to the next assembly and subsequently to the actual location in the supplies delivered to the buyer. Traceability backward, where each material or part used in supplies can be traced back to the *Lot received at the Seller's facility*.

9B MANUFACTURER'S CERTIFICATION

This order requires Original Component Manufacturer (OCM)/Original Equipment Manufacturer (OEM) certifications.

10 TRACEABILITY OF RAW MATERIAL

The Seller shall identify by lot, batch or heat treat number and material type, specification or related document, all raw material used in filling the requirements of the purchase order and related terms.

11 TRACEABILITY OF MATERIAL – MULTIPLE LOTS

The Seller shall provide traceability information to Cicon on all materials, parts and assemblies used in the fabrication of the product. Traceability shall be maintained to the Seller's procurement documents for materials used on this order. When the seller is combining materials fabricated in two or more lots to fulfill purchase order requirements, these materials shall be segregated and identifiable to the lots which they were fabricated. A lot is defined as homogenous group of material processed through all stages of fabrication at essentially the same time under the same conditions.

12 SHELF LIFE MATERIAL – IDENTIFICATION

The Seller shall in addition to the prescribed identification of the deliverable items, label each container with the date from which the specified life period begins. Any other special handling, storage or identification requirements shall also be described on the container. Certificate must include: **1.** Original Manufacturer's Name, **2.** Purchase Order Number, **3.** Part Number, Revision, and Specification (type and class if applicable), **4.** Manufactured date and expiration, **5.** Manufacturer's compound number and batch number, **6.** Environmental controls as applicable, **7.** Useful storage life, **8.** Storage temperature. All material shall be received with at least 75% of the specified shelf-life remaining or within one year from the date of manufacture when shelf-life exceeds four (4) years.

13 ELECTROSTATIC SENSITIVE DEVICES – HANDLING, PACKAGING AND MARKING

The Seller shall provide suitable environment, materials and personnel to assure protection of the static sensitive devices during manufacture and delivery. The container(s) shall be identified on the top and sides with caution labels to alert all handlers that the devices require special handling. A legible and reproducible certification shall be furnished, stating that the devices were processed under static sensitive procedures. The certification shall be signed by an authorized representative of the Seller.

14 SELLER CONTROLLED PRODUCT

The Seller shall provide with the initial shipment on this order one legible and reproducible copy of the applicable specifications, drawings or definitive catalog sheets.

15 CHANGE OF PRODUCT OR PROCESS

The Seller shall not implement any changes in design, materials, processes, or control without prior written approval of Cicon. The intent of this requirement is to ensure that all material under this order will be homogenous and the performance, reliability, and quality of the material are not degraded. Changed articles shall be clearly identified, and in a manner different from the original articles.

16 PROMISED DELIVERY

Seller may ship up to 14 days early and 0 late. All other delivery deviations require written approval from the Cicon Buyer.

17 CERTIFICATE OF CONFORMANCE

Each shipment shall be accompanied by a legible and reproducible certificate of material conformance which shall include as a minimum. **1)** Original manufacturer's name, cage code and/or address, and part number. **2)** Distributor/ service provider name cage code number and/or address. **3)** The original country where part was manufactured. **4)** Cicon's purchase order number, line item number. **5)** Part number of item (as specified on the purchase order), revision, quantity **6)** Drawing or specification number and revision if different than the Cicon's part number and revision. **7)** Serial number(s)/or date code(s)/ lot/batch/heat number(s)—records all that are applicable. **8)** Statement of conformance to all requirements. **9)** Authorized agent's signature, title and date. The certificate shall state that the Seller and/or manufacturer have performed all required inspections and that the delivered items meet all of the requirements stated. Upon completion of shipment against the purchase order, the

18 CERTIFICATE OF PROCESS CONFORMANCE

Each shipment shall be accompanied by a reproducible certificate of process conformance which defines the process(es); e.g., soldering surface preparation and treatment, heat treatment, welding, etc., to which the items were subjected. Each process used shall be listed on the certificate in sufficient detail to permit buyer verification. The serial number if applicable shall be listed on the certificate. The certificate shall be authenticated with the signature and title of an authorized representative.

19 FUNCTIONAL CERTIFICATION

Each shipment shall be accompanied by a legible and reproducible Seller's certification, identification with the submitted material stating that test reports for the material are on file and available for examination by Cicon. The certifications shall be authenticated with the signature and title of an authorized representative of the Seller or the agency performing the test.

20 Q.P.L. (QUALIFIED PRODUCTS LIST) SOURCE CERTIFICATION

Seller to submit with each shipment, certification that the end item delivered against this order was manufactured by a Q.P.L. source to be named on the certification. The certificate shall be authenticated with the signature and title of an authorized representative or processor. Manufacturer must be listed on the C of C.

21 FUNCTIONAL TEST REPORTS

Each shipment shall be accompanied by a legible and reproducible copy of actual test results of the material submitted, identified with specified test parameters defined as operational, mechanical, electrical hydraulic inspection, etc. When the data is submitted in a format that is not comparable to the Cicon specification, a parameter and test condition cross reference sheet must be supplied. These reports shall be authenticated with the signature and title of an authorized representative of the agency performing the tests.

22 CHEMICAL / PHYSICAL TEST REPORTS

Each shipment shall be accompanied by a legible and reproducible copy of actual results of tests performed in accordance with the specification or purchase document requirements, identifiable to the material submitted. These reports shall be authenticated with the signature and title of an authorized representative of the agency performing the test.

23 RESERVED

24 RESERVED

25 NON-CONFORMING MATERIAL

The Seller shall notify Cicon of any nonconforming product. The Seller is NOT authorized to perform material review action of nonconforming material with the intent of delivering such nonconforming product without expressed written disposition authorization from Cicon. All non-conforming material must be identified, documented, evaluated and dispositional to prevent unintended use.

26 CICON FURNISHED MATERIAL AND / OR TOOLING

Cicon to furnish the material and/or tooling shall be inspected upon receipt for any shipping damaged, shall be marked as Cicon property and kept separate. Any damage to said equipment/tooling will be the Seller's responsibility if no shipment damage was reported. Excess material and or tooling must be returned upon completion of the purchase order.

27 RESERVED

28 RIGHT TO ENTER

Cicon and/or Customer, which may include a Government Representative, reserve the right to enter the Seller's plant or Seller's suppliers, at any tier, in any capacity relating to this order at all reasonable times, for the purpose of surveillance inspection of Seller's processes, controls, quality records and systems as well as supplies/services.

29 HAZARDOUS MATERIAL IDENTIFICATION

The Seller shall submit to a listing of any hazardous material delivered as part of the product manufactured. Material safety data sheets (MSDS) for each shall be included. Hazardous material includes any material defined under the latest version of Federal Standard.

31 RESERVED

32 DATA RETENTION

Records of inspection, test data, C of C, must be maintained by the Seller and available for audit for a minimum of seven (7) years unless otherwise noted in writing. The term "data" in this note refers to all inspection and test data (electronic or paper copy) required by the drawing or statement of work. This requirement is complementary to any requirement established elsewhere within this Purchase Order to provide copies of such data with deliveries.

33 FLOW DOWN TO SUB-TIER SUPPLIERS

All clauses listed on this purchase order are required to be flowed down to all Sub-tier suppliers.

34 SPECIAL PROCESSES

Special processes are defined as those material processes for production and service provisions where the resulting output cannot be verified by subsequent monitoring or measurement and, as a consequence, deficiencies become apparent only after the product is in use or the service has been delivered. The following lists are a few examples of the special processes referred to in this section. Coatings, finishes and treatment methods such as: Anodize, Hardcoat, Chem Film, Paint / Powder Coat / Dry coat, Chromate, Nickel plating, Other plantings', Passivation, or Heat treating. Non Destructive Testing, such as: Magnetic Particle, Dye Penetrant, or Welding. Nonconventional machining methods, such as: Wire EDM, ECG grinding, or LBM laser cutting. If any part of this purchase order (including sub-tier suppliers's products) requires Special Processes, it is required that Cicon's Buyer be contacted prior to the start of any such process. Cicon's customer may require that only suppliers approved by them be used for special processes, or NADCAP certified.

35 RESERVED

36 PROHIBITED MATERIALS

The use of tin, zinc, or cadmium is prohibited as specified in the following subparagraphs. Any exceptions to these prohibitions shall be approved in advance in writing by Cicon's Buyer.

Tin. The use of pure unalloyed tin is prohibited as a surface finish for space hardware, including the surface finish on components or parts used inside a hermetic cavity or encapsulated within an assembly. (For example, terminations on chip capacitors in hybrids shall not consist of pure tin; the potted portion of leads on devices that are encapsulated shall not be plated with pure tin.) Solder-dipped tin alloy finishes shall contain at least three percent lead or at least three and a half percent silver. All other tin and tin alloy finishes shall contain at least three percent lead.

Zinc. The use of pure zinc is prohibited as a surface finish for space hardware. Unplated brass (an alloy containing copper and zinc as the main constituents) containing greater than 21 percent zinc is prohibited. Brass with greater than 21 percent zinc is acceptable if the brass is over-plated with a minimum of 50 microinches of nickel, or 100 microinches of either copper or gold. Unplated alloys other than brass that contain greater than 10 percent zinc are prohibited. Unplated alloys other than brass alloys that contain greater than 10 percent zinc are acceptable if they are over-plated with a minimum of 50 microinches of nickel, or 100 microinches of either copper or gold. Zinc or alloys containing zinc that are sealed within a hermetic cavity are acceptable.

Cadmium. The use of pure cadmium is prohibited as a surface finish for space hardware. Unplated alloys containing greater than five percent cadmium are prohibited. Alloys containing greater than five percent cadmium are acceptable if they are over-plated with a minimum of 50 microinches of nickel, or 100 microinches of either copper or gold. Cadmium or alloys containing cadmium that are sealed within a hermetic cavity are acceptable.

37 OIL-FREE SYRINGES

Supplier shall only use oil-free syringes. Any premix compound shall be stored and packaged using oil-free syringes. Disposable syringes with rubber stoppers pose the greatest risk of silicone contamination, but even syringes without rubber stoppers may have silicone oil as a lubricant in the barrel.

38. CONFLICT MINERALS

Products/ components received from suppliers that are subsequently included in products supplied to Cicon should not be conflict material/minerals. (All material/Minerals Products/components/ parts developed from raw materials, including process chemicals.)

Step 1: Identify which products, if any, contain the conflict minerals tin, tantalum, tungsten or gold (also known as the 3TGs)

Step 2: Determine the country of origin of 3TGs

Step 3: For 3TGs sourced from the DRC region, conduct due diligence over the source and chain of custody

Requirements: Nationally or internationally recognized due diligence standard - The Organization for Economic Co-operation and Development (OECD). The registrant must prepare a conflict minerals report, unless it determines that its conflict minerals did not originate in a covered country or that they came from recycled or scrap sources.

Conflict minerals include: **1)** columbite-tantalite, also known as coltan (the metal ore from which tantalum is extracted); **2)** cassiterite (the metal ore from which tin is extracted); **3)** gold; **4)** wolframite (the metal ore from which tungsten is extracted); **5)** their derivatives; or **6)** any other mineral or its derivatives determined by the SEC Ruling.