

SUPPLIER QUALITY ASSURANCE CLAUSES

NOTE: In addition to clauses 100a-j minimum requirements on each purchase order, the applicable quality requirements described below form part of the terms and conditions of the Purchase Order. Clause 101 - 116 required per type supplier breakdown chart. Excluded are suppliers of stationary supplies, janitorial services, etc.

CLAUSE NUMBER	CLAUSE DESCRIPTION
100	<p><u>MINIMUM QUALITY REQUIREMENTS</u></p> <p>During the execution and performance of the Purchase Order, the supplier shall establish and maintain a system that complies with all of the requirements below (100a thru 100j). The Purchaser may invoke additional requirements on the Purchase Order to meet contractual needs.</p> <p>100a <u>DRAWINGS & DOCUMENTATION:</u> It is the responsibility of the supplier to meet all requirements of the latest issue or revision to the Purchase Order drawings or/and any other applicable specifications. If needed and prior to fulfilling the Purchase Order the supplier shall request from the Purchaser any drawing and documentation required. The supplier shall not make any changes to the design or process without first receiving the written approval from Purchasing.</p> <p>100b <u>INSPECTION & TEST: the supplier shall subject all supplies to inspection and test,</u> to the extent practicable, to ensure compliance to applicable drawings and specifications of this order and assure only conforming articles are shipped to the Purchaser. The term "supplies" here includes without limitation, raw materials, component intermediate parts or subassemblies, and the end product to be shipped to the Purchaser.</p> <p>100c <u>MATERIAL CONTROL:</u> The supplier's quality system shall provide for the positive control and identification of materials and services used to fill the order. A system for marking or otherwise identifying materials to prevent their accidental misuse must be in place and being followed. <i>The supplier's positive control will include the notification to the customer if nonconforming product escapes their plant and ships to the customer.</i></p> <p>100d <u>NONCONFORMING ARTICLES CONTROL:</u> Suppliers must have a system to identify and isolate nonconforming articles. At no time shall a supplier knowingly ship articles that do not meet all requirements without first seeking and obtaining written authorization from the Purchaser.</p> <p>100e <u>RESUBMITTED ARTICLES:</u> Articles rejected by the Purchaser and subsequently reworked and resubmitted by the supplier shall be kept segregated and be identified as "resubmitted" articles. The shipping documents must reference the original rejection documentation number.</p> <p>100f <u>CALIBRATION:</u> Measurement and test equipment used to determine conformance to requirements shall be maintained in the best possible condition and periodically calibrated to insure accuracy. The Calibration system is to be compatible with MIL-STD-45662A.</p> <p>100g <u>SOFTWARE Q.A.:</u> Where applicable, suppliers shall have a system to comply with MIL-S-52779, Software Q.A. Program Requirements.</p> <p>100h <u>STATISTICAL SAMPLING:</u> If other than 100% inspection is done, the sampling plan used is to be in accordance with MIL-STD-105D. The Purchaser must approve plans other than MIL-STD-105D in writing.</p> <p>100i <u>CERTIFICATION:</u> Suppliers shall certify conformance to all requirements. Such certification shall accompany each shipment. This Certification of Conformance is a written statement certifying that the articles supplied are in conformance to the requirements of the Purchase Order. The certificate shall show Purchaser's P.O. number, part number, quantity shipped, and be dated and signed by an official of the supplier. The signature block shall include the typed name and title of the signer.</p> <p>100j <u>RETENTION OF RECORDS:</u> Suppliers shall maintain, on file at the Supplier's facility, Quality Records traceable to the conformance of product/part numbers delivered to Co-Operative Industries Aerospace. Seller shall make such records available to regulatory authorities and Co-Operative Industries Aerospace authorized representatives. Supplier shall retain such records for a period of not less than (7) seven years from the date of shipment under each applicable order for all product/part numbers unless otherwise specified on the order.</p>

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CLAUSE NUMBER

101 INSPECTION SYSTEM

Supplier shall have a system that assures compliance to MIL-I-45208 or equivalent, "Inspection System Requirements."

102 SPECIAL PROCESS CONFORMANCE

The supplier and any sub-tier to the supplier that is engaged in special processes shall have that Special process approved by the Purchaser, or the supplier shall have an approved system that controls the special process and sub-tier special process. The Purchaser shall approve the controlling system. The Purchaser reserves the right to approve the use of sub-tier special processors used by the supplier in performance of the contract. There shall be absolutely no changes what so ever in the supplier's process or the use of the sub-tier's process without the expressed written authorization from the Purchaser's Quality Assurance Department. Examples of a special process include: plating, soldering, welding, brazing, and heat-treating.

103 FLOW DOWN TO SUB-TIER SUPPLIERS

If the supplier utilizes a sub-tier supplier for any part of this purchase order, the supplier shall flow down all applicable requirements of the purchase order, including key characteristics where required.

104 RIGHT OF ACCESS

The supplier shall allow Co-Operative Industries, our customer, and regulatory authorities the right of access to all facilities involved in the order and to all applicable records.

105 MATERIAL CERTIFICATION

When raw stock is used to make a part, the supplier shall obtain a report from the supplier 's source Certifying that the material is as specified by the Purchaser. A true copy of this report shall accompany all deliveries to the Purchaser whenever the material is used in the order.

106 GOVERNMENT SOURCE INSPECTION

Government source inspection is required prior to shipment from your facility. Upon receipt of this order, promptly notify the Government Representative who normally services your facility so that appropriate planning for Government Inspection can be accomplished. Evidence of this Government Inspection must be indicated on the shipper or packing sheet for each shipment.

107 CUSTOMER SOURCE INSPECTION

Source inspection by the Purchaser is required prior to shipment from your facility. Notify Purchaser three days in advance of date when material is ready for our inspection. If material is not ready when called, the supplier shall be liable for all expenses incurred by the Purchaser.

108 INSPECTION & TEST REPORTS

Include with each shipment a true copy of the lot or item acceptance inspection and tests results. When quantitative limits are established by the specifications, the report shall indicate the actual values obtained. Reports shall include control identity (e.g.: heat, lot, serial no.) of material/item tested. An authorized representative shall validate the report by either inspection stamp or signature.

109 FIRST PIECE INSPECTION

Supplier shall conduct a first piece inspection for each item on this order. Submit a complete inspection report, the part from which the results were obtained shall be submitted with the report. Report is to list all characteristics called out on the drawing, a description of the method or equipment used for measuring or testing the characteristics, the actual results obtained and the Purchase Order Number. Both the Inspection Report and the inspected part are to be clearly identified as FIRST PIECE and sent to the attention of the Purchaser's Q. A. Department.

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110 FIRST ARTICLE INSPECTION

Supplier is to conduct a first article inspection. This requirement is a 100% inspection of the article ordered plus all component parts and subassemblies used on the article. Supplier is to submit a complete report together with the article it represents to the attention of the Purchaser's Q. A. Department. For each component part and subassembly used, as well as the article ordered, the report is to list the characteristics and requirements called out on each drawing, the method or equipment used for measuring or testing the characteristics and requirements, and the actual results obtained.

111 MATERIAL TRACEABILITY

The Supplier shall establish a suitable system for providing traceability of materials used during performance of this order. Records and materials must be identified by; lot, batch, heat, or serial number as required maintaining traceability.

112 TEST REPORTS

One (1) copy of test reports indicating chemical composition and/or actual physical properties identifiable to each lot, batch or heat treat lot shall accompany each shipment and shall be signed by an authorized representative of the supplier. If information is considered proprietary and conformance to military specifications is claimed, then substitute quality conformance data.

113 FACILITY RELOCATION/PROCESS CHANGE NOTIFICATION

The Supplier will notify the Purchaser and obtain written confirmation from the Purchaser acknowledging Supplier's intentions. This would need to be accomplished 6 months prior to a relocation or process change-taking place.

114 AS9100 REQUIREMENTS

The Supplier shall have an established Quality Management System of which encompasses the requirements outlined in AS9100B. These requirements shall be flowed down to the Seller's suppliers as required by the AS9100 Standard.

115 Lockheed Quality Clause Appendix QX (and requirements by commodity as the relate to your product as noted in Table 1 in Appendix QX) and QCS-001 (see first bullet below for Lockheed approved special processors)

Located at <http://www.lockheedmartin.com/aeronautics/materialmanagement/quality/QualityAppendices.html>

- QCS-001 Processing Source - Processing to be accomplished in performance of this Purchase order is directly related to a Lockheed Martin Aeronautics Company Purchase Order and must be accomplished in accordance with process specification(s) on this purchase order and the revision in effect as of the date of This PO of Lockheed Martin Aeronautics Company Appendix QJ. All requirements of such Appendix QJ paragraph 12. a. - f. shall be accomplished. Appendix QJ is located <http://www.lockheedmartin.com/materialmanagement/>. Seller must flow Co-Operative Industries L.M. Aero furnished vendor I.D. # 012714 down to their sub-tier suppliers in the event they sup any special processes out to their supplier.
- Q.M.S. notes 1 and 6 of QX Table 1 in general and Notes 2, 5 and 6 for Service Center Provider
- See para. 1.4 (a) thru (g) for Counterfiet Parts Prevention.
- Appendix Q2A and AS/EN 9102 First Article Inspection
- Q4R for all suppliers.

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Type Supplier Clause Breakdown

Brazing Suppliers	100a-100j, 101, 102, 103, 104, 108, 111, 113,
Plating Suppliers	100a-100j, 101, 102, 103, 104, 105, 108, 111, 113,
Calibration	100a-100j, 101, 102, 103, 104, 108, 111, 113
Value Added Distributor	100a-100j, 101, 102, 103, 104, 113,
Distributor	100a-100j, 103, 104, 113,
Heat Treating Supplier	100a-100j, 101, 102, 103, 104, 108, 113,
Machine Shop	100a-100j, 101, 102, 103, 104, 105, 108, 111, 113,
Laser Marker Supplier	100a-100j, 101, 102, 103, 104, 113,
Manufacturer	100a-100j, 101, 103, 104, 113,
Miscellaneous	100a-100j, 101, 103, 104, 113,