

C&D ZODIAC     PURCHASE ORDER QUALITY CLAUSE  
REQUIREMENTS  
REVISION AC  
JANUARY 23, 2012

**000 QUALITY CLAUSES NOT REQUIRED**

Non shippable items, for C&D internal use only.

**100 STATISTICAL PROCESS CONTROL**

The supplier must apply Statistical Process Control (SPC) to this purchase order. A CPK of 1.33 or greater is required. Each shipment must be accompanied with a signed copy of the applicable SPC Control Plan(s). The Control Characteristic listed in SPC Control Plan shall be approved by C&D ZODIAC Quality Assurance prior to commencing with production / processing.

**102 FABRICATION INSPECTION SYSTEM (FIS) FAR21.303**

The supplier's, shall maintain a FIS in compliance with the requirements of FAR 21.303 (h). The FIS shall be approved and subject to audit by FAA, or its representative at any time.

**103 QUALITY SYSTEM SURVEILLANCE**

As a C&D ZODIAC supplier manufacturing a product requiring C&D ZODIAC Customer and / or "Federal Aviation Administration" (FAA) approval, the Seller's "Quality Control System" shall be subject to surveillance by C&D ZODIAC and the FAA.

**104 FAA-PMA /TSOA**

As a C&D ZODIAC supplier manufacturing an article or component for which C&D ZODIAC holds an FAA Parts Manufactures Approval (PMA) or Technical Standard Order Authorization (TSOA), your inspection system shall be subject to inspection by C&D ZODIAC and /or FAA at a level commensurate with criticalness of the article or component.

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**105     RIGHT OF ENTRY**

Allows C&D ZODIAC, its customers and regulatory agencies the right of access, through prior notification, to determine and verify the quality of work, applicable quality records and materials at all applicable area of all facilities, at any level of the supply chain, involved in the order.

**106     GOVERNMENT SOURCE INSPECTION (GSI)**

Government inspection is required prior to shipment from your plant. Evidence of such inspection must be indicated on the packing sheet accompanying each shipment. On receipt of this Purchase Order, promptly contact the Government Representative who normally services your plant, or if not available, or the representative or office cannot be located, C&D ZODIAC's buyer should be notified. Drawing(s), test document(s) and specifications, as applicable, covering material on this order shall be available for inspection at your plant.

**107     REQUIREMENT FOR AIRWORTHINESS CERTIFICATION**

FAA/Foreign Civil Airworthiness Authority (FCAA) Conformity Certification is required for articles specified on this purchase document. Include with each shipment, a true copy of FAA Form 8130-3, Release Certificate Approval Tag, for Airworthiness. Foreign government equivalent to FAA Form 8130-3 is acceptable for imported articles.

**108     FIRST ARTICLE INSPECTION (FAI) BY SELLER,  
(DOCUMENTATION MAINTAINED BY SUPPLIER)**

FAI shall be performed on all new or revised production manufactured items by seller at seller's facility. Results shall be documented on a report identified as "First Article Inspection Report" (FAIR). The report will be maintained at the seller's facility, and be available for review by C&D when requested.

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**109    FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO C&D)**

FAI's shall be performed on all new or revised production manufactured items by seller at seller's facility. Results will be documented on a report identified as a "First Article Inspection Report" (FAIR). The identified first article unit and the FAIR will be sent to C&D.

**110    FIRST ARTICLE INSPECTION (FAI) BY C&D AT SELLER'S FACILITY**

FAI and/or test shall be accomplished at the Seller's facility before the balance of order may be shipped. C&D ZODIAC will conduct or witness inspections and/or tests and the results will be on a report form identified as "First Article Inspection Report".

**111    C&D SOURCE INSPECTION**

C&D inspection is required prior to shipment from your facility. Evidence of such inspection must be included in your packing documents accompanying each shipment. You must contact C&D's buyer and establish verification arrangements and the method of product release. Drawings, inspection/test documents, and specifications, as applicable, covering material on this order shall be available for inspection at your facility.

**112    DELEGATION - SUPPLIER VERIFICATION OF C&D PRODUCT**

The supplier has met the requirements established by C&D ZODIAC quality organization for the verification of C&D product.

**114    CHEMICAL AND PHYSICAL TEST REPORTS**

Each shipment must be accompanied by one (1) legible and reproducible copy of all chemical and physical test reports identifiable with materials ordered. The reports must contain the signature and title of the authorized representative of the agency performing the test and must assure conformance to specification requirements.

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**116 SHELF LIFE CONTROLLED MATERIAL; 80% SHELF LIFE  
REQUIRED AT RECEIPT**

Time sensitive material shall be furnished with a minimum of 80% of its shelf life remaining at date of shipment. Shelf life duration, date of manufacture and date of expiration shall be listed on material certification.

**1166 MODIFIED SHELF LIFE CONTROLLED MATERIAL; 60%  
SHELF LIFE REQUIRED AT RECEIPT**

Time sensitive material for immediate use shall be furnished with a minimum of 60% of its shelf life remaining at date of shipment. Shelf life duration, date of manufacture and date of expiration shall be listed on material certification.

**1169 EMERGENCY EQUIPMENT USED ON EMB PROGRAMS AND  
SHELF LIFE CONTROLLED MATERIAL SOLD TO EMB**

Emergency Equipment purchased to be used on EMB programs and shelf life material purchased to be sold to EMB shall be furnished with a minimum of 90% of its shelf life remaining at date of receipt. Shelf life duration, date of manufacture and date of expiration shall be listed on material certification.

**117 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)**

**A. Sheet or Plate Stock - Metallic or Non-Metallic**

Each sheet or plate shipped shall be identified by continuous stenciling, of sufficient size to be readily legible, applied by permanent ink or dye of contrasting color, non-injurious to metal surfaces and not soluble.

**B. Rod, Bar or Tube - all shapes - 1/2 inch cross section or larger**

Each length of Rod, Bar or Tube shipped shall be identified at one end or by continuous stenciling, of sufficient size to be readily legible, applied by permanent ink or dye of contrasting color, non-injurious to metal surfaces and not soluble in cutting and coolant oils. If continuous, spacing between groups of stencil letters shall not exceed twelve (12) inches.

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Information shall include material type or designation, material specification and temper.

C. Rod, Bar or Tube - all shapes - Smaller than 1/2 inch cross section

Rod, bar or tube shipped shall be bundled together; each bundle containing materials from the same (manufacturing/heat treatment) batch, and shall be identified as follows: An adhesive label or identification tag shall be securely attached to each bundle. This label or tag shall be permanently marked to indicate material type or designation, material specification and temper.

D. Castings / Forging - Ferrous or Non-Ferrous

Material shipped shall be identified with the part number, "melt" number, heat treat lot (if applicable) and serial number (if applicable). Identification of parts shall be in accordance with applicable drawings/ specifications. Where drawings or specifications do not define method of identification, such identification shall be effected in accordance with MIL-STD-130.

E. Extrusions

Each length of extrusion shall be identified at one end or by continuous stenciling, of sufficient size to be readily legible, applied by permanent ink or dye of contrasting color, non-injurious to metal surfaces and not soluble in cutting and coolant oils. If continuous, spacing between groups of stencil letters shall not exceed twelve inches. Information shall include material type or designation, material specification, temper and heat lot number.

**118 ELECTRICAL EQUIPMENT**

Each shipment shall be accompanied by one (1) legible and reproducible copy of a certificate containing the signature and title of the person authorizing the release of product. The certificate shall contain the part number, specification to which they conform, and general characteristic. When the parts are serialized, serial numbers shall be included on the certification. Manufacturer will maintain test reports, specification conformation and general characteristics on-site and available upon request.

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**119    ELECTRICAL CABLES (WIRES)**

Electrical cables shall be identified with the part number and manufacturing code. The spool, and Certificate of Conformance shall be identified per applicable standard/specification with the following information: standard / specification, size code, manufacturing year, country code (if applicable), and manufacturer.

**121    NON-DESTRUCTIVE TEST/INSPECTION IDENTIFICATION**

All parts found to be acceptable by non-destructive testing methods are to be so identified by placing the proper acceptance test /inspection stamp on such acceptable parts. All parts found to be unacceptable are to be so identified by placing the proper withholding stamp on such defective parts. In those cases where NDT testing is being performed by a lower-tier supplier and his acceptance stamp is obliterated by further processing a copy of the lower-tier's certification must accompany shipment to C&D ZODIAC.

**123    C&D ZODIAC PROCESSING**

Seller shall assure that any process and or non-destructive test (NDT) requested on this purchase order shall be performed only by sources currently appearing on the C&D ZODIAC's "List of Approved Vendors" for the specific type of work to be conducted.

**124    BOEING PROCESSING**

Seller shall assure that any process work to be performed on Boeing design and/or part numbers by the Seller or its suppliers, shall be performed only by sources noted in the latest published Boeing Document Number D1-4426 listed in the Boeing web site at <http://active.boeing.com/doingbiz/d14426/GetAllProcessors.cfm> . Documentation or certification that D1-4426 Sources were used shall be submitted with AS9102 First Article Inspection Report and as requested by C&D Zodiac.

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**125    BOEING MATERIAL CERTIFICATION**

Material must be received with certification documenting acceptance to all requirements of the applicable Type and Class of the BMS (Boeing Material Specification).

**126    IDENTIFICATION OF “DANGEROUS GOODS”**

A “Dangerous Goods” decal must be applied to the outer container of the item being shipped and to the associated shipping document (shipper). Also, one copy of the applicable MSDS sheet must be provided with each shipment.

This is in addition to federal & state requirements noted in IATA & DOT CFR. It does not relieve the supplier of their responsibility to comply with any marking & labeling requirements set fourth in the IATA & DOT CFR or any other legal documentation that may apply to this shipment.

**127    PROCESS CERTIFICATIONS**

Each shipment shall be accompanied by one (1) legible and reproducible copy of a certificate that must include the signature and title of the person authorizing release of product certifying all processes used, such as heat treating, welding, NDT, surface preparation and treatment, etc. The certificate shall include the processing used, the specification to which they conform and the name of the agency that performed them if other than the seller (i.e. sub-verdor). When the parts are serialized, serial numbers shall be included on the certification.

**128    CERTIFICATE OF CONFORMANCE**

Each shipment shall be accompanied by one (1) legible and reproducible copy of a Certification Document (Certificate of Conformance, Shipper, Packing List, etc.) that includes the identification (signature, electronic signature, stamp, etc.) of the person authorizing release of product assuring the items ordered were produced in accordance with and conforming in all respects with *all applicable* requirements set forth in *Buyer's Standard Purchase Order Terms and Conditions and/or its contract with Seller*, including specifications, drawings, *revision*, marking requirements, physical item identification and electrical characteristics when applicable. When the parts are serialized, serial numbers shall be included on the certification.

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**129    CERTIFICATION OF MATERIAL CONFORMANCE**

Each shipment shall be accompanied by one (1) legible and reproducible copy of a Certification Document (Certificate of Conformance, Shipper, Packing List, etc.) that includes the identification (signature, electronic signature, stamp, etc.) of the person authorizing release of product certifying each material used to fabricate the items ordered in this "Purchase Order".

**135    FLAMMABILITY TEST**

Test reports showing actual results of flammability test which meet the requirements of FAR 25.853(a) and signed by a responsible party shall accompany this shipment.

**1351    FLAMMABILITY TEST**

Flammability Test reports showing actual results of flammability test(s). Reports must show Fire Worthiness resistance shall be such that the requirements of FAR 25.853 (a), Amendment 25-116 (60-Second Vertical Bunsen Burner Test). Appendix F, Part I will be met, or the latest revision of the Aircraft Materials Fire Test Handbook (DOT/FAA/AR-00/12).

**1352    FLAMMABILITY TEST**

Flammability Test reports verifying Smoke emission shall be such that the requirements of FAR 25.853 (d) Amendment 25-116. Appendix F, Part V will be met, or the latest revision of the Aircraft Materials Fire Test Handbook (DOT/FAA/AR-00/12). Reports must include a brief description of the sample and mounting.

**1353    FLAMMABILITY TEST**

Flammability Test reports verifying Heat release capability shall be such that the requirements of FAR 25.853 (d), Amendment 25-116. Appendix F, Part IV will be met, or the latest revision of the Aircraft Materials Fire Test Handbook (DOT/FAA/AR-00/12). Reports must include a brief description of the sample and mounting.

**1354    FLAMMABILITY TEST**

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Flammability Test reports showing actual test results of flammability tests which meet the requirements of FAR 25.856 (a) and AC25.856- or the latest revision of the Aircraft Materials Fire Test Handbook (DOT/FAR/AR-00/12)

**138    PUBLIC LAW 101-592 FASTENER QUALITY ACT**

Supplier (Distributor) Certification: A Certification shall accompany each shipment of fasteners/washers, containing the following, as a minimum:

The manufacturer lot number(s) with associates part number(s);  
Manufacturers name; C&D ZODIAC P.O. number; and a statement to the effect that the manufactures certification (required by the Section 7 of the "Law") is on file with the distributor.

Supplier (Manufacturer) Certification: A Certification in accordance with Section 7 of the "Law" shall accompany each shipment.

Packaging: Each lot shall be packaged in a manner that ensure there will be no co-mingling of like fasteners from different lots in the same container.

Identification: Each package shall be identified with the lot number, name of the parts, part identification number, P.O. number and name of fastener manufacturer.

**139    STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS**

1. When supplier is the fastener manufacturer - Each shipment shall be accompanied by one (1) legible and reproducible copy of a certificate of conformance containing the signature and title of an authorized representative which stated that the fastener have been manufactured in accordance with requirements of the applicable NAS, AN, MS government approved Parts Standard and Procurement Specification; and the chemical / physical test reports required by the government approved Procurement Specification are on file with the manufacturer, and available for review by customer and /or government quality assurance representative upon request.
2. When the supplier is a distributor - Each shipment shall be accompanied by one (1) legible and reproducible copy of conformity to purchase order requirements. The statement of conformity as a minimum shall contain C&D ZODIAC P.O. number, packing slip number; a copy of applicable test

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records (chemical, physical, processes and NDT) required by the government approved Parts Standard and Procurement Specification are available, or are obtainable upon customer request. The statement of conformity must contain the name of the fastener manufacturer, and shall be signed and dated by an authorized representative.

**140     INTER COMPANY SHIPPERS**

When products are shipped from one C&D facility to another, the certification log number of the product being shipped must be recorded on the shipping document.

**141     OUT TIME REQUIREMENTS**

Supplier must record the "out-time" of exposure sensitive material (pre-preg) on packing list.

**142     BOEING DIGITAL PRODUCT DEFINITION**

Seller shall follow the requirements noted in the latest published Boeing Document Number D6-51991, "Quality Assurance Standard for Digital Product Definition at Boeing Suppliers".

**143     BAE REQUIREMENTS**

Returning product certifications shall contain the following statement: "The products herein certified in accordance with the terms of BAE approval and work category. Further, right of access is granted to BAE, BAE customers and applicable aviation authorities." Letter of Authority No.LOA/PWK/160B.

**144     DFARS CLAUSE 252.225-7014**

DFARS Clause 252.225-7014, Preference for domestic specialty metals, prohibits the contractor (E. G. the Boeing Company) from incorporating into military aircraft "Specialty Metals" (Such as Titanium

and Stainless Steel) which have been melted outside the United States, unless certain limited exceptions set forth in the clause apply. Even if one of the exceptions applied, the source for specialty metals melted outside the United States must also be listed in the qualified products list (QPL) of

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Douglas Material Specification (DMS) 2201, Procurement from Foreign Sources – Metallic Raw Material.

**145    PRIORITY DX-A1**

Priority DX-A1; This is a rated order certified for national defense use. You are required to follow all the provisions of Defense Priorities and Allocations System regulation (15 CFR 350).

**146    PRIORITY DO-A1**

Priority DO-A1; This is a rated order certified for national defense use. You are required to follow all the provisions of the Defense Priorities and Allocations system regulation (15 CFR 350).

**147    REQUIREMENT FOR A&P TECHNOLOGY, INC.**

Vendor A&P Technology, Inc. shall receive TMEs and inspect mandrels per vendor's internal, non-PCD controlled document # WI-787-023.

**148    AS9102 FIRST ARTICLE INSPECTION (FAI) by SELLER,  
(Documentation Maintained by Supplier)**

A FAI per AS9102 shall be performed on all new or revised manufactured items by the seller or at the seller's facility. Forms other than as identified in the Appendix of AS9102 **must contain all required and conditionally required information** and use same field reference numbers. Report is to be maintained at sellers facility and available for review at C&D Zodiac's request.

**149    AS9102 FIRST ARTICLE INSPECTION (FAI) by SELLER,  
(Documentation sent to C&D Zodiac)**

A FAI per AS9102 shall be performed on all new or revised manufactured items by the seller or at the seller's facility. Forms used other than as identified in the Appendix of AS9102 **must contain all required and conditionally required information** and use same field reference numbers. The report will be sent to C&D Zodiac.

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**150      Notification of Quality Escape**

Seller will report to Buyer if a product, article or part has been released from Seller or Seller's subcontractors or suppliers and subsequently found not to conform to the applicable design data.

**151      Quality Management System**

Supplier shall implement, document and maintain a Quality Management System in accordance with applicable requirements of 9100 series standards or ISO9001 standard and additional requirements specified on Buyers contract or purchase order.

The Quality Management system shall be appropriate to the products the Supplier designs, manufactures, repairs or sells and shall cover all activities concerned by C&D Zodiac contracts or purchase orders.

**152.      *Supplier Data Submittal Procedure***

*This part/assembly is subject to Zodiac Seats California CDFS-RC-020 Supplier Data Submittal Procedure whereby design, process, specification and quality plan changes affecting the part are to be submitted for review and approval prior to acceptance into production*