

**Applicability**

These Quality Requirement Codes are applicable when listed within a **Dynamic Air Engineering, Inc. (DAE)** purchase order, or subcontract. These requirements shall be in addition to, and not in derogation of, other purchase order requirements.

**Codes and Definitions**

1. The supplier shall maintain an **Inspection System, (QMS)**, that will ensure all material produced will comply with all purchase order requirements. Any record created and or retained by the supplier in the performance of this purchase order shall be retained and be available for review by DAE for a minimum of 10 years, or if required by contract, or provided with shipment. After retention time has passed, supplier may shred said documents.

- The supplier shall notify DAE of non-conforming material/processes upon discovery and obtain approval for their disposition.
- The supplier is responsible for any flow down of any applicable DAE or customer requirements to their sub-tier suppliers.
- The supplier shall use customer-designated or approved external providers, including process sources (e.g special processors)
- The supplier shall notify DAE of changes to processes, products, and services, including changes of their external providers or location of manufacture and obtain DAE's approval. Including: flow down to external providers any applicable requirements including customer requirements; provide any test specimens for design approval, inspection / verification, investigation or auditing
- The supplier shall incorporate appropriate practices to prevent FOD (Foreign Object Debris/Damage), and mercury contamination.
- The supplier shall prevent the use of counterfeit products. All products shall be new and unused.

2. The Supplier shall maintain a **Calibration System** in compliance with ISO9001 or ISO9001/AS9100 Calibration System Requirements.

3. DAE has the right of access to the Supplier's facility, quality system and products, and by our customers, regulatory authorities to the applicable areas of facilities and to applicable documented information at any level of the supply chain. This may include the FAA or any government agency. Such activities at the supplier's facilities will be performed jointly with and arranged by DAE'S, and are subject to verification, inspection, and audit.

4. (a) The Supplier shall provide one **Certificate of Conformity** with each shipment. This document shall contain, as a minimum: the company name, manufacturer name, purchase order number, item number, date, specification and/or drawing number, name of item, lot/batch number, quantity, and revision. This document must have the title of the authorized signer and a signature. The C of C confirms that the articles shipped meets all applicable requirements.

**Special Process** suppliers shall perform and have a current certification to the latest specification revision at the time of PO placement unless otherwise stated on the PO. When no superseded specification is noted for obsolete or cancelled specifications, clarification from **DAE Engineering** must be obtained.

If **suspect/counterfeit** parts are furnished under this purchase order and are found in any goods/services or sub-components of goods/services delivered hereunder, such items will be impounded by the buyer. The seller shall be liable for all costs relating to the removal and replacement of said parts. Buyer reserves contractual rights and remedies to address grievances and detrimental impacts caused by suspect/counterfeit parts.

(b) For fasteners, the supplier shall provide one **Certificate of Conformity** with each shipment as stated in 4 (a).

(c) The supplier shall provide one **Certificate of Conformity** with each shipment as stated in 4 (a), and the seller shall ensure that only new and authentic materials are used in products delivered to **DAE**. The seller may only purchase parts directly from Original Equipment Manufacturers (OEMs), OEM franchised distributors, or authorized aftermarket manufactures. Use of product that was not provided by these sources is not authorized unless first approved in writing by **DAE**. The seller must present compelling support for its request (e.g., OEM documentation that authenticates traceability of the parts to the OEM), and include in its request all actions to ensure the parts thus procured are authentic/conforming parts.

Note: the recording of false, fictitious or fraudulent statements or entries on this document may be punishable as a felony under Federal statute. Seller shall include all provisions of this contract clause, including this note, in all lower-tiered contracts under this order. Any inability or unwillingness of a lower-tier supplier to comply with this provision shall be documented in writing and submitted to **DAE**.

(d) The supplier shall provide one **Certificate of Conformity** with each shipment as stated in 4 (a), **and in addition**, the following requirements may apply:

**DFARS 252.225-7009 Restriction of Acquisition of Certain Articles Containing Specialty Metals**

**DFARS 252.225-7016 Restriction of Acquisition of Ball and Roller Bearings**

**DFARS 252.225-7001 Buy American and Balance of Payments Program**

**DFARS 252.225-7008 Restriction of Acquisition of Specialty Metals**

**DFARS 252.225-7002 Qualifying Country Sources as Subcontractors**

Suppliers must flow down the requirements to their suppliers and certify the material complies to the required DFARS requirement.

(e) The supplier shall provide one **Certificate of Conformity** with each shipment as stated in 4 (a), **and in addition**, certify the material does not contain minerals as listed in the **Conflict Minerals**, Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act for minerals that originated in the Democratic Republic of the Congo (DRC) and adjoining countries.

5. (a) **AS9102 First Article** manufactured to the specified configuration will be inspected by the Supplier for conformity to drawings and purchase order specifications. The first article data, containing characteristic values and measured values, with a record of the equipment used and asset identification of that equipment, and a bubble drawing, will accompany all shipments of the material. The first article part will be clearly identified by the Supplier.
- (b) The Supplier shall select samples from the production lot for inspection in accordance to MIL-STD-1916. The Quality inspection shall include all the requirements as defined by the PO and drawing. **An Inspection Report** will be included with the shipment. All the sample pieces shall be clearly identified by the Supplier and submitted with the shipment.
6. The Supplier **shall not repair items** found deficient by welding, brazing, soldering or adhesive, without prior **DAE** written approval. Casting defects shall not be repaired by any method without prior, written approval, unless specified on the drawing.
7. (a) The Supplier shall furnish with each shipment, one copy of the **chemical/physical analysis**, identifiable with the material, accomplished by the original manufacturer. Data is to be certificated, with a signature in ink, by an authorized representative of the Supplier.
- (b) The Supplier shall furnish with each shipment, one copy of the **chemical/physical analysis of the actual laboratory test**, identifiable with the material, accomplished by the original manufacturer. Data is to be certificated, with a signature in ink, by an authorized representative of the Supplier.
8. The Supplier shall furnish a copy of the appropriate **(Non Destructive Test) NDI Certificate** for any NDI test required by the drawing.
9. The Supplier shall furnish **X-ray film**, identifiable to each part, and one copy of the **X-ray laboratory report**. Multiple views of large parts must be identified to define locations of each view.
10. All material must be identified by the **part number** listed on the purchase order that is permanently and legibly affixed directly to the surface of each article. In the event that this is not possible due to the physical size or nature of material, an identification tag will be securely affixed to each article, or if articles are packaged in individual or multi-unit containers, the containers must be identified with the part number. Ball Bearings shall be identified by an identification label.
11. (a) The Supplier shall provide **Statistical Process Control (SPC) charts (X and R charts)** with delivered parts for all critical and major characteristics [as identified by the Supplier and concurred with by Buyer or Buyer's purchase order]. The charts shall be submitted to the Buyer following completion of the affected operation for the individual lots. An additional chart shall be submitted to illustrate the variability between the current lot and previously produced lots. A copy of all the charts must be submitted with the parts delivery, and the Buyer reserves the right to review the charts before delivery.
- (b) The Supplier shall provide **Individual charts or Run charts** with delivered parts for all critical and major characteristics [as identified by the Supplier and concurred with Buyer or Buyer's purchase order]. The charts shall be submitted to the Buyer following the completion of the affected operation for the individual lots. An additional chart shall be submitted to illustrate the variability between the current lot and previously produced lots. A copy of all the charts must be submitted with the parts delivery, and the Buyer reserves the right to review the charts before delivery.
- (c) The Supplier shall provide **Statistical Process Control (SPC) Attribute charts (P charts)** [as identified by the Supplier and concurred with by the Buyer or purchase order]. A copy of all charts must be submitted with parts delivery, and buyer reserves the right to review all charts before delivery.
12. The Supplier shall request **DAE's** approval, in writing, of any changes in part number, nomenclature, or drawing requirements, that differ from purchase order information, before shipment.
13. The Supplier shall incorporate **commercial standard practices for the preservation and packaging** of all articles applying to this purchase order and shall identify each package permanently and legibly with the purchase order number, manufacturer's name, date shipped and pack sheet number.
14. Government Inspection is required before shipments 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.
15. The government has imposed **Selective Evaluation** on this order. During performance on this order, your quality control on inspection system and manufacturing processes are subject to review, verification, and analysis by authorized government representatives. Government inspection or release of product prior to shipment is not required, unless you are otherwise notified.
16. This order is subject to **Source Inspection** by **DAE** at the Supplier's facility before shipment. Inspection and/or test of the materials defined in the purchase order shall be performed by the Supplier and shall be witnessed by **DAE**. The inspection and test shall demonstrate compliance with the applicable drawings and/or specifications. **DAE's** purchasing department shall be notified seven days before acceptance inspection or test to allow for a Quality Assurance Representative to be present.
17. Materials that are hazardous in any way shall be properly contained and packaged in accordance with applicable **Code of Federal Regulations**. The containers must be plainly marked as to contents with appropriate warnings, precautions, instructions and storage conditions.
18. Life limited products shall have a minimum of **80% shelf** life remaining at the time of delivery.
19. Lockheed Martin's quality appendix QX is being flowed down to the supplier with this order. To get the latest version of this clause, go to [http://www.lockheedmartin.com/us/aeronautics/materialmanagement/scm-quality/scm-quality\\_qualityappendices.html](http://www.lockheedmartin.com/us/aeronautics/materialmanagement/scm-quality/scm-quality_qualityappendices.html).

20. Supplier must implement and maintain FOD program.

21. This order has a Defense Priorities and Allocation System (DPAS) priority code. Go to

[http://www.dcmamail.com/DPAS/files/DPAS\\_for\\_the\\_Contractor.pdf](http://www.dcmamail.com/DPAS/files/DPAS_for_the_Contractor.pdf) for an explanation on what the priority codes mean for the order being procured.

22. Triumph Thermal Systems – Maryland, which is part of Triumph Group (formerly Fairchild Controls), quality requirements document SQM001, at the latest revision, is being flowed down to the supplier with this order. To get the latest revision of this document, go to <https://www.triumphsupplysource.com/suppliers/pageview.php?menuitemid=51>

23. DFARS clause 52.225-13 is being flowed down. This is a restriction on Certain Foreign Purchases, which requires insertion of the following clause:

**RESTRICTIONS ON CERTAIN FOREIGN PURCHASES**

(a) Except as authorized by the Office of Foreign Assets Control (OFAC) in the Department of the Treasury, the Contractor shall not acquire, for use in the performance of this contract, any supplies or services if any proclamation, Executive order, or statute administered by OFAC, or if OFAC's implementing regulations at 31 CFR chapter V, would prohibit such a transaction by a person subject to the jurisdiction of the United States.

(b) Except as authorized by OFAC, most transactions involving Cuba, Iran, and Sudan are prohibited, as are most imports from Burma or North Korea, into the United States or its outlying areas. Lists of entities and individuals subject to economic sanctions are included in OFAC's List of Specially Designated Nationals and Blocked Persons List.

(c) The Contractor shall insert this clause, including this paragraph (c), in all subcontracts.

24. QMS REQUIREMENT – You must meet the minimum quality management controls for the product or service provided and associated risk:

**Special Processors:** NADCAP and/or (our) Customer Approval

**Machining Suppliers:** Company QMS review (preferred AS9100 or ISO, may require 100% Inspect)

**Material Suppliers:** ISO9001, AS9100 and/or BAA and/or (our) Customer Approval and/or AS6174 Counterfeit Material International Standard and/or Consumer Protection Act HR4173, Section 1502.

25. CONTRIBUTION TO OUR QMS – It is imperative that you and your personnel are aware of your contribution to the conformity of the product and service you provide; their contribution to product safety and the importance of ethical behavior as it ultimately affects the conformity of the product(s) we provide to our customers and all of our continued business.

The following table is a guide for determining applicable Quality Codes by commodity and must be included in all RFQs and Purchase Orders:

No.	Purchase Item	Quality Codes
1	Raw Materials – Steel, Aluminum, Specialty Metals	1, 2, 3, 4(a), 4(c), 4(d), 4(e), 7(a), 7(b), 10, 12, 13, 24, 25
2	Castings	1, 2, 3, 4(a), 4(c), 4(d), 5(b), 7(b), 8, 12, 13, 20, 24, 25
3	Fasteners	1, 4(a), 4(b), 4(c), 4(d), 4(e), 7(b), 10, 12, 13, 24, 25
4	Bearings	1, 2, 4(a), 4(c), 4(d), 4(e), 10, 11(a), 12, 13, 24, 25
5	Magnets	1, 2, 4(a), 4(c), 4(d), 4(e), 12, 13, 24, 25
6	Liners	1, 4(a), 10, 12, 13, 17, 18, 24, 25
7	Paints, Solvents, Adhesives	1, 2, 4(a), 4(e), 7(a), 12, 13, 17, 18, 24, 25
8	Solder, Flux Products	1, 2, 4(a), 4(c), 7(a), 12, 13, 18, 24, 25
9	Outside Processes	1, 2, 3, 4(a), 10, 12, 13, 17, 20, 24, 25

	<p><b>QUALITY REQUIREMENT CODES</b></p> <p>Form No. 1402      Rev.: N      Page 5 of 5</p>
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**REVISION HISTORY**

Revision	MODIFICATIONS	DATE
C	Transfer quality codes to electronic format.	02/08/15
D	Added code 19 and 20 per CAR-15-041.	03/27/15
E	Removed statement "Distributors are exempt from this clause" to clause 1.	04/15/16
F	Added revision history to procedure.	07/08/16
G	Added code 21 per CAR-16-019.	08/12/16
H	Added "in accordance to MIL-STD-1916" to code 5b.	12/20/16
J	Added code 22 and 23 per PO 1041432.	08/30/17
K	Added codes 24 and 25.	2/23/18
L	Code 20, Removed "per MIL-STD-980"	9/06/22
M	Minor cleanup, revised section 4.d to include all appropriate DFARS clauses	3/19/24
N	4a: removed and a statement...through upon request  4d: added DFARS 252.225-7002 Qualifying Country Sources as Subcontractors  23: removed 2008  23b: removed: at <a href="http://www.treas.gov/offices/enforcement/ofac/sdn">http://www.treas.gov/offices/enforcement/ofac/sdn</a> More information about these restrictions, as well as updates, is available in the OFAC's regulations at 31 CFR chapter V and/or on OFAC's Web site at <a href="http://www.treas.gov/offices/enforcement/ofac">http://www.treas.gov/offices/enforcement/ofac</a> .  Added to Table: added 4d to Castings, added 4b to Fasteners	7/3/24
P	Update item 1 and 3, meeting requirements of AS9100 and formatting and errata	7/24/25