

## **Purchase Order Quality Clause QC43**

### **Rev AJ Jan 2021**

Commodity  
**Misc Shop Supply**

#### **Clause A - Quality System Requirements**

*All references to the term "Government" in any of the documents referenced below shall be replaced with the term "CWDS and/or the Government". All references to the term "Departmental Representative" shall be replaced by CWDS Representative and/or Departmental Representative".*

- A1** The supplier shall establish and maintain a Quality Management System that complies with International Organization for Standardization.  
For example :( ISO 9000:2015, AS9100, AS9120 or equivalent **as applicable to the product or services they provide** )  
Supplier's Quality Management System is subject to audit, verification and approval and/or disapproval by CWDS designated representative(s).
- A2** The supplier shall notify CWDS Supply Chain in writing of any significant change to the quality management system and/or its approval status including any suspensions, disapprovals and major non-conformities issued by their certification body. This shall include provision of renewed certifications.

#### **Clause B - Quality Assurance Requirements**

- B1** CWDS's Customer and the Prime Contractor reserve the right to carry out Quality Assurance practices at source during performance of this order.
- B2** CWDS reserves the right to carry out Supplier Quality System Audit, Source Inspection and/or Test at the supplier's facility prior to shipment.

**B3 Control of Nonconforming Product**

Any nonconformance discovered by the Supplier, on products in their control, shall be documented by the organizations' approved method of nonconformance reporting. (8D is a preferred method) This shall include a detailed description of the nonconformance; location (by drawing reference point, hardware reference point, clock location, etc.); and exact callout of the violation by drawing or specification requirement (including sub-paragraph or illustration number). It shall also list what type of inspection revealed the discrepant condition, and what, if any, subsequent actions were taken prior to disclosure. Dimensional violations shall include "should be" and "is" dimensions, and tool(s) calibration traceability numbers.

**Clause C - Manufacturing, Test and Inspection Requirements**

**C4** Shipments made against this Purchase Order must be accompanied by a Certificate of Conformance attesting that all the applicable specifications, drawings, and Purchase Order requirements have been met. The supplier must maintain quality records applicable to the certificate for a period of not less than Seven years. The C of C must contain the following as a minimum:

- a) The Purchase Order number
  - b) Manufacturers Part number and revision level (rev level if item is revision controlled)
  - c) Quantity shipped
  - d) Approval by the supplier's authorized representative
  - e) The manufacturers' lot (batch or serial number) and the date of manufacture (date code) for each unique item as applicable that the C of C pertains to.
- (Exemption to requirement (e) is acceptable for connectors)**

*The supplier shall not supply electrical, electronic, or electromechanical (EEE) parts having lot date codes older than 5 years.*

**Clause D - Change Control Requirements**

**D1** The supplier shall operate and maintain a written Configuration Management system, which shall ensure:

- a) Changes are properly evaluated, classified, and documented.
- b) Traceability of all changes made after the initial baseline is maintained.
- c) Baselines are clearly defined and are re-creatable from CM records.

#### **Clause E – Workmanship**

##### **E5 Control of Contamination & Foreign Object Damage (FOD)**

To preclude introduction of foreign objects into any deliverable item, the Supplier shall maintain a documented FOD prevention program appropriate to the commodity provided to CWDS. This program shall be compliant to AS9146 Foreign Object Damage (FOD) Prevention Program - Requirements for Aviation, Space and Defense Organizations during design, manufacture, assembly and shipment of an item as well as use NAS 412 as a guide.

Supplier shall flow the requirement of this clause as applicable to their sub-tier and / or supplier.

#### **Clause F - Calibration**

- F1** The Supplier Calibration system shall comply and be IAW with the latest Revision of ISO 10012-1, MIL- STD-45662 or ANSI Z540-1 or ANSI/ISO/IEC 17025. Calibration shall be traceable to National or International Standards.

#### **Clause G - Material Handling/Packaging/ Counterfeit Avoidance**

- G1** All material shall be protected against corrosion, contamination, deterioration, or other spoilage during transit. All material shall be packed with suitable protection so as to prevent damage through handling in transit, during storage, and prior to use. Packaging will be in accordance with "best commercial practice" unless otherwise stated.

**Clause H - Miscellaneous****Customer Furnished Material / Equipment/Assistance**

- H1** The supplier is required to maintain a system for positive identification, segregation, and control of Customer Furnished Material. This system shall provide for the notification of CWDS of any deficiency or failure noted upon receipt.
- H2** In the event that the requirements are not completely clear, or where special assistance is needed, CWDS will provide qualified personnel for consultation. Requests for this assistance shall be made via CWDS purchasing department.