

ATSC Purchase Order Quality Codes



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Approval: Javier Cuellar	Date: 02/07/2022
	Revision: -

1 PURPOSE

The following quality code provisions, along with Advanced Technology Systems Company (ATSC) Standard Purchase Order Terms and Conditions become an integral part of the Purchase Order. Some of the codes listed below have also been incorporated into Terms and Conditions. They have not been removed from this document as there may be cases such as a new vendor, infrequent purchases, clarification, etc., where it may be appropriate to include them on the Purchase Order as well as in the Terms and Conditions. These quality codes can also be found at: <http://www.atscva.com>. The following codes correspond to the referred codes shown on the Purchase Order.

2 STANDARD PROVISIONS

The following identified Quality Codes will be standard per vendor classification.		
Class 1 Vendors (Custom)	INSP-01	Vendor Data
	PACK-01	Preservation/Packaging
	VEND-01	Vendor Data
	VEND-02	Part Identification
	FLDN-01	Vendor Sub-Contracting
	FLDN-02	Right of Entry
	HAZM-01	Material Safety Data Sheet
	WORK-01	General Workmanship
	EXP-01	Export
PCB Vendors	ESD-01	Electrostatic Discharge Protection (ESD)
	ESD-02	ESD Packaging
	ESD-03	Electronic Component Packaging
	WORK-02	Circuit Board Workmanship
	WORK-03	Circuit Board Assemblies
Class 2 Vendors (Commercial)	PACK-01	Preservation/Packaging
	HAZM-01	Material Safety Data Sheet
	WORK-01	General Workmanship

3 CERTIFICATION/TEST REPORT PROVISIONS

CTR-01 Certificate of Compliance

A Certificate of Compliance (C of C) shall accompany each lot of parts shipped to ATSC

CTR-02 Test/Test Data/Certification

The vendor shall provide test data demonstrating the material's performance is in accordance with the requirements stated on the drawings and/or specifications.

CTR-03 Special Process Certification

Any special processes identified on the drawing and/or specification shall require a special process C of C.

4 ELECTROSTATIC DISCHARGE PROVISIONS

ESD-01 Electrostatic Discharge Protection (ESD)

Vendor shall maintain an effective ESD protection program in accordance with ANSI/ESD 20.02 requirements or equivalent; based on part sensitivity and damage threshold.

ESD-02 ESD Packaging

Electrostatic discharge sensitive materials must be packaged in the proper protective packaging, identified with the proper ESD label, and receiving paperwork must not be placed inside the ESD bag with the components.

ESD-03 Electronic Component Packaging

Handle and package all electronic components in accordance with the original component manufacturer's ESD protection requirements. Moisture sensitive devices shall be packaged in moisture proof, conductive material. The package must be plainly marked with handling precautions against electrostatic discharge and moisture barrier labels in accordance with J-STD-033 and J-STD-020.

5 FAR/DFAR FLOW DOWN PROVISIONS

FLDN-01 Vendor Sub-Contracting

The vendor shall not sub-contract any part of the manufacturing process or finishing process without prior notification and approval from ATSC.

FLDN-02 Right of Entry

All processing performed may be subject to review by ATSC, ATSC's customer and/or the Government at any time during the duration of the Purchase Order. An applicable Government Representative who services the program shall be granted access to the vendor facility.

FLDN-03 RoHS Compliance

The vendor certifies that the product is RoHS compliant.

6 HAZARDOUS MATERIAL PROVISIONS

HAZM-01 Material Safety Data Sheet

The vendor is responsible for providing a copy of the Material Safety Data Sheet (MSDS) for each shipment as containing either toxic, hazardous, or both materials as defined by OSHA.

7 INSPECTION PROVISIONS

INSP-01 Vendor Data

Inspection and/or test data must be maintained at vendor's facility for a period of three (3) years and furnished to ATSC upon request. Records shall remain legible, readily identifiable, and retrievable.

INSP-02 First Article Inspection Report

The first article manufactured to the specified configuration will be 100% inspected by the vendor for conformity to drawing and Purchase Order specifications. A First Article Inspection Report shall be provided to ATSC prior to, or with, shipment of material for ATSC acceptance of the report and/or materials.

INSP-03 Source Inspection

Source inspection of the product will be performed by a ATSC representative.

INSP-04 Inspection Report

The vendor shall provide a document verifying the product meets the drawing and/or specifications.

8 PACKAGING PROVISIONS

PACK-01 Preservation/Packaging

Furnished parts shall be preserved, packed, and protected utilizing "best commercial practices" to prevent deterioration or damage during shipment

9 VENDOR PROVISIONS

VEND-01 Vendor Data

Material Certifications must be maintained at vendor's facility for a period of three (3) years and furnished to ATSC upon request. Records shall remain legible, readily identifiable, and retrievable.

VEND-02 Part Identification

Parts provided for this Purchase Order shall be identified with part number and revision in accordance with drawing/specification requirements DQG EH GRFXPHQWHG RQ SDFNLQJ VOLS

VEND-03 Part/Lot Traceability

Material to be identified and traceable to manufacturer's part number, lot number, date code, for all electronic and electrical parts, raw material, mechanical machined parts, etc.

VEND-04 Original Equipment Manufacturer (OEM)

Items provided must have the following lot traceability requirements:

- Each shipment shall be from only one (1) OEM
- Each shipment shall be from only one (1) date code
- Components too small to have a date code marking shall have their packaging identified with the appropriate date code marking

VEND-05 Unique Identification

The item(s) supplied under this Purchase Order shall contain a Department of Defense (DOD) approved Unique Item Identification (UID), as specified in MIL-STD-130 (latest revision), DOD Standard Practice, Identification Marking of U.S. Property.

VEND-06 Shelf-Life Material – Require 80% useful life remaining

If material is adversely affected by time, the container and/or certification shall be marked with the expiration date and the recommended storage conditions. Information supplied shall be in accordance with any military systems specification referenced on the drawing or on the Purchase Order. Do not deliver material with less than 80% of the useful shelf life remaining.

10 WORKMANSHIP PROVISIONS

WORK-01 General Workmanship

All machined parts will be free of surface imperfections and/or flaws with no burrs or dents. All painted surfaces will be defect free with texture and color uniform throughout.

WORK-02 Circuit Board Workmanship

Circuit boards produced under this Purchase Order shall meet the workmanship and performance requirements of IPC-A-600; Class 2.

WORK-03 Circuit Board Assemblies

Circuit board assemblies produced under this Purchase Order shall meet the workmanship requirements of IPC 610 Class 2.

Amendments Table

Revision	Revision Date	Page #'s Revised	Description of changes	Authorization
A	7/18/2019	All	Initial Issue was revision A. Revision reset to dash (-) due to entry to PDM	Javier Cuellar
-	02/07/2022	All	Initial Issue to PDM	Javier Cuellar