

# Supply Chain Quality Requirements for Boeing Equipment



**PUR-SOPS-022**

Issue: **02**

## ULTRA PCS

Cambridge

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Owner: **Quality Assurance**

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## Amendment record sheet

Issue	Summary description of change	BMS change form	Date
3 (DC0069 Sup B Doc)	Amended to address updated Boeing requirements as detailed in QA-MEM-2018-0054. Main changes: <ul style="list-style-type: none"> <li>- PO Note Q29 Substantial re-write, the applicable clauses of X31764 1 May 2018 have been incorporated in this document, no longer necessary to access Boeing website.</li> <li>- PO Note Q31 (FAA PMA Markings).</li> <li>- PO Note Q109 added (MAG), only applicable to suppliers with own EASA / FAA approvals.</li> <li>- PO Note U40 (Escapes) edited for compatibility with DC0069, remove superfluous text and to require "lot numbers, or other part identifiers".</li> </ul> Approved and released together with DC0069_INDEX Issue 3	BMS258-18	22 May 2018
1	New number PUR-SOPS-022 Previously a flow down for the Greenford site Not changes made to content New Template	BMS736-22	April 2023
2	The following sections were either removed or rewritten to increase document complexity and ensure compliance with Boeing requirements specified on the PO: PO Note 29, PO Note A18 (rewritten), PO Note Q09, PO Note Q13, X31764, PO Note Q31, PO Note Q109, Maintenance Annex Guidance Requirement Note S68, and PO Note U40.	BMS131-25	September 2025



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# 1 Introduction

## 1.1 Scope of Document

This document flows down additional requirements that are applicable to specific products and services. Some of these are defined by Ultra PCS Ltd customer. This document is intended to be used in conjunction with PUR-SOPS-003

## 1.2 Acronyms and Abbreviations

Core Acronyms and Abbreviations are listed in PUR-SOPS-003 Supply Chain Quality Requirements.

The following additional terms are used in this document:

Terms	Meaning
Buyer	Ultra PCS Purchasing Team
PUR-SOPS-003	Ultra Supply Chain Quality Flow down Requirement Document. This contains Buyer’s baseline requirements for suppliers / sellers.
FAA PMA	Federal Aviation Authority Parts Manufacturer Approval. PMA is a combined design and production approval for modified and replacement articles. It allows a manufacturer to produce and sell these articles for installation on type certificated aircraft products. Refer to FAA regulations for further information.
PO Note	Boeing requirement references, these have been included in this document to demonstrate traceability to Boeing requirements.
Seller	Any organization selling a product / service to which this document applies, as indicated by Purchasing Documents. This includes the organization selling to Ultra PCS and their sub-contractors.
Ultra	Ultra PCS Ltd

# 2 Roles and Responsibilities

Where indicated on specific Purchasing documents, the organization is responsible to conforming to this document as well as to the applicable revision of PUR-SOPS-003 Supply Chain Quality Requirements and any other document referenced by Purchasing documentation.

# 3 Determination of Requirements

The requirements of this document only apply to specific products. They are flowed down either directly through reference on the face of the Purchase order or indirectly via another document.

This document does not cancel any requirement of PUR-SOPS-003 unless the requirement is listed and explicitly cancelled within this document. If requirements conflict between this document and PUR-SOPS-003 then the more stringent requirement shall apply.



## 4 Supply Chain Quality Requirements for Boeing Equipment

### 4.1 Q11s - SUPPLEMENTAL QUALITY REQUIREMENTS

#### 4.1.1 Change in Quality Management Representative

Seller shall promptly notify Buyer's Authorized Procurement Representative and Supplier Quality Representative of intended or actual changes in the management representative with assigned responsibility and authority for its quality management system.

#### 4.1.2 Change in Quality Management System

Seller shall promptly notify Buyer's Authorized Procurement Representative and Supplier Quality Representative in writing of intended or actual major change to its quality management system that may affect the conformity of its goods or services. Each change to Seller's quality management system is subject to review by Buyer.

Seller shall include, as part of the written notification of change to its quality management system, a list of changed procedures identified by revision level, a description of the intent of the changes and a signed statement that compliance with Buyer's quality system approval has not been diminished.

#### 4.1.3 Change in Manufacturing Line, Facility Location, Technology or Process

Seller shall promptly notify Buyer's Authorized Procurement Representative in writing of intended or actual change to the manufacturing processes and/or technology that may affect the quality of delivered goods and services. This includes changes to Seller's and Seller's subcontractors manufacturing facility location for the contracted goods or services, equipment, technology, or processes for which the product was qualified.

Seller shall promptly notify Buyer's Authorized Procurement Representative in writing of change to its quality control process that may affect the inspection verification of conformity or airworthiness. Notification shall document effect of change to inspection with respect to fit, form, reliability, function, conformity, airworthiness of the Seller's goods or services. Each change to Seller's quality control system is subject to review by Buyer.

#### 4.1.4 Natural Disaster Occurrence

Seller shall promptly notify Buyer's Authorized Procurement Representative of any occurrence of natural disaster that diminishes Seller's ability to deliver conforming goods or services.

#### 4.1.5 English Language

When specifically requested by Buyer, Seller shall make specified quality data and/or approved design data available in the English language.

Seller shall maintain an English language translation of (1) its quality manual, (2) the operating instructions that implement the quality manual requirements, and (3) an index of Seller's procedures that contain quality requirements. Buyer may require additional



documentation to be translated, including but not limited to: shop orders, technical specifications, certificates, reports, and nonconformance documents.

**4.1.6 Seller’s Subcontractors**

Seller shall impose all the aforementioned requirements on Seller’s Subcontractors.

**4.1.7 Seller’s Change Notification Process**

Seller shall document a process for notifying Buyer of intended or actual changes described in the requirements.

**4.2 Q132 - COUNTERFEIT PARTS DETECTION AND AVOIDANCE SYSTEM REQUIREMENTS**

Seller shall not furnish Counterfeit Parts, which are defined as unauthorized copies, imitation, substitute or modified parts (e.g. materials, parts, components, subassemblies) which are misrepresented as a specified genuine part(s) of an original or authorized manufacturer. Counterfeit Parts can include, but are not limited to, the false identification of marking or labelling, grade, serial number, lot number, date code, documentation or performance characteristics, including used parts represented as new. Counterfeit and Suspect Counterfeit Parts shall be deemed nonconforming to this Contract. A Suspect Counterfeit Part is a part for which there is objective and credible evidence indicating that it is likely counterfeit.

Seller shall plan, implement and control processes appropriate to the organization and the products for the prevention of Counterfeit or Suspect Counterfeit Part use and their inclusion in Goods. Seller’s Counterfeit Parts prevention processes shall address the following:

- I. Training of appropriate persons in the awareness and prevention of Counterfeit Parts.
- II. (ii) Application of a parts obsolescence monitoring program.
- III. (iii) Controls for acquiring externally provided product from original or authorized manufacturers, authorized distributors, or other approved sources.
- IV. (iv) Requirements for assuring traceability of parts and components to their original or authorized.
- V. (v) Verification and test methodologies to detect counterfeit parts.
- VI. (vi) Monitoring of counterfeit parts reporting from external sources.
- VII. (vii) Quarantine and reporting of suspect or detected counterfeit parts, including preventing re-entry into the supply chain.

If Seller provides Electronic, Electrical or Electromechanical (EEE) parts or assemblies containing EEE parts, Seller shall implement a counterfeit electronic parts detection and avoidance system compliant with the requirements of SAE standard AS5553 (revision as of the effective date of this Contract).

If Seller becomes aware or suspects that it has furnished Counterfeit or Suspect Counterfeit Parts to Buyer, Seller promptly, but in no case later than thirty (30) days from discovery, shall notify Buyer and replace, at Seller’s expense, such Counterfeit Parts or Suspect Counterfeit Parts with Goods that conform to the requirements of this Contract. For confirmed Counterfeit Parts or Suspect Counterfeit Parts, GIDEP notification shall also be made no later than sixty (60) days after discovery. Seller shall be liable for all



costs related to the delivery or replacement of Counterfeit Parts or Suspect Counterfeit Parts including any testing or validation costs necessitated by the installation of Goods in replacement of Counterfeit Parts or Suspect Counterfeit Parts.

Seller bears responsibility for procuring authentic parts or items from its subcontractors and shall ensure that all such subcontractors comply with the requirements of this Article. Seller shall include the substance of this Article, including this flowdown requirement, in all subcontracts awarded by Seller for work under this Contract.

**4.3 Q227 – Retention of Records**

Seller and Seller’s Subcontractors shall maintain records, documented information, that demonstrate conformance to requirements and shall make such records available on a timely basis to Buyer, Buyer’s Customers or Regulatory Agencies, upon request.

Records shall remain legible, readily available, and retrievable for a Period of 10 years after the final payment of that line item unless extended record retention requirements are specified elsewhere in this contract or attachments (e.g. Flight Safety / Critical Item drawings, specifications, Customer Contract requirements). Buyer may request delivery of such records at no additional cost.

Seller’s records being destroyed shall be rendered unreadable and unusable.

