
Supplier Quality Requirements – Composites

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1. WORKMANSHIP AND SPECIFICATIONS MANUAL (WSM)

The CSW Workmanship and Specifications Manual is applicable to all CSW procurements unless otherwise specified in the Purchase Order, Drawing, or Subcontractor Statement of Work. The Manual may be identified on the L3 drawing as either the Workmanship and Specifications Manual, WSM-01, WSM, or S01.

It invokes CSW Workmanship Standards (WS-XXX), Internal Specifications (IS-XXX), and Specification 60083155 (Torque and Retention Requirements for Threaded Hardware), establishing design, manufacturing, and acceptance requirements. The manual may be accessed via the L3 Supplier Portal at the following location: [BCS Workmanship and Specification Manual / Internal Specifications | L3Harris Technologies, Inc.](#)

The applicable Internal Specifications and Workmanship Standards for this commodity are the following:

- WS-004, Metal Fabricated Parts and Assemblies
- WS-010, Protective Finishes, if applicable
- WS-011, General Cleaning
- WS-022, Cosmetic Surface Conditions of Assemblies
- WS-024 Composite Materials
- IS-001, Use of Non-Specified Hardware Material and Drawing Notes
- IS-003, Workmanship Acceptability of Electronic Assemblies
- IS-006, Drawing Standards
- IS-008, Material Number Suffix Configuration
- IS-011, Elimination and Replacement of Primer and Paint Numbers
- IS-012, Minimizing the Use of Hexavalent Chromium Conversion Coatings

2. TEMPERATURE/SHELF LIFE SENSITIVE MATERIALS

The supplier shall maintain records of temperature & age sensitive materials, which reflect date of manufacture, shelf- life, expiration date and storage history. This applies to items such as epoxies, paints, adhesives, pre-pregs, carbon fiber, etc.

3. NON-DESTRUCTIVE TESTING (NDT)

Reports of applicable NDT tests demonstrating compliance with applicable specification shall be submitted with each shipment.

For CSW designed hardware, supplier and supplier's sub-tiers shall submit general NDT procedures and part-specific technique sheets to CSW Buyer for CSW Standards Engineering approval prior to conducting NDT. On-site validation of procedures/technique sheets to verify specification compliance may be performed at the discretion of CSW.

Any changes shall be submitted to CSW for approval via the Change/Information Request Form.

4. SPECIAL PROCESS

Refer to commodity specific requirements document for Special Processes.

END OF DOCUMENT

Revision History Summary

Revision #	Description of Change	Date
00	Initial Release.	1/08/2016
NA	Updated hyperlink in section 1. No revision upgrade necessary.	2/25/2025