



Supplier Quality Requirements – Electro-Mechanical Assemblies

Document Number: SQR-E-M Assemblies
Effective Date: 1/08/2016

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1. WORKMANSHIP AND SPECIFICATION MANUAL

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 at [BCS Workmanship and Specification Manual / Internal Specifications | L3Harris Technologies, Inc.](#)

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

- IS-003, Workmanship Acceptability of Electronic Assemblies
- WS-005, Electromechanical Assemblies
- WS-010, Protective Finishes (when required)
- WS-011, General Cleaning
- WS-022 Cosmetic Surface Conditions

If the completed Electro-Mechanical Assembly contains additional subassemblies or processes (e.g. Circuit Cards, Cables, Welding, etc), then additional commodity specific requirements shall apply.

2. ELECTRICAL, ELECTRONIC, OR ELECTROMECHANICAL (EEE) ASSEMBLY REQUIREMENTS

Supplier shall be responsible for maintaining all traceability data of lot-date codes (i.e. date of manufacture, batch-lot numbers, serial numbers, or unique identifiers for a production run) of all EEE parts on file at their facility and incorporated into CSW hardware. Supplier shall supply this data to Buyer upon request.

3. ELECTRO-STATIC DISCHARGE CONTROL

Suppliers that handle ESD sensitive items shall have an Electrostatic Discharge (ESD) control program in effect to protect parts during manufacturing, inspection/test, packaging, shipping, rework, and/or failure analysis. The ESD control program shall conform to ANSI/ESD 20:20. Packaging shall conform to the requirements of MIL-PRF-81705 and must be marked with the MIL-STD-129N ESD caution label, "CAUTION - OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE ITEMS" The packaging shall be marked to assure static awareness upon receipt at CSW.

4. SPECIAL PROCESS

Refer to commodity specific requirements document for Special Processes.

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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