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

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

- WS-010, Protective Finishes, as required
- WS-012, Marking, Engraving, and Labeling
- WS-022, Cosmetic Surface Conditions of Assemblies

**2. QUALIFIED DIE**

The Supplier shall perform a First Article Inspection for each die or pattern.

**3. SUPPLIER PRODUCTION/INSPECTION PLAN**

Supplier shall submit a Production, in-process, and final inspection plan for CSW Supplier Quality Engineering approval.

**4. PART MARKING**

Castings and forgings shall be marked with the part number, a unique identifier traceable to the heat lot number, and CAGE Code/foundry mark. Method of marking shall be specified in the Production Plan.

**5. TRACEABILITY**

Castings and forgings shall be traceable to the raw material mill certification. Test specimens are required from each master melt, and shall be retained by the Supplier.

**6. TOOLING**

Supplier shall notify CSW of any changes to tooling (supplier manufactured or CSW furnished). Supplier shall notify CSW whenever any wear is discovered on CSW funded/owned tooling.

**7. NONDESTRUCTIVE TEST (NDT) PROCEDURE/TECHNIQUE SUBMITTAL REQUIREMENTS**

Unless otherwise specified on the drawing or P.O., for CSW designed hardware the supplier shall submit general NDT procedures and part-specific technique sheets to CSW Buyer for CSW Engineering approval prior to conducting NDT.

Suppliers using outside sources for NDT shall ensure that the selected NDT sub-tier has CSW approval for the NDT procedure/technique used.

After initial approval, any changes to subject documents must be resubmitted to CSW for approval via the Change/Information Request Form.

On-site validation of procedures/technique sheets to verify specification compliance may be performed at the discretion of CSW.

**8. SPECIAL PROCESS**

Refer to commodity specific requirements document for Special Processes.

**9. MATERIAL/PROCESS CERTIFICATIONS**

Supplier shall retain a copy of all procured raw material certifications, which must be readily retrievable. The certification shall include material specification, dimension description, alloy and condition. The supplier shall retain the original and any secondary independent test laboratory certification(s). This requirement shall be flowed down to all sub-tier suppliers.

Supplier shall retain copies of certifications to the applicable standards for all subcontracted special processes. Certifications from all levels of the supply chain shall be made available upon request.

**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