



Q NOTE

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Revisions:

Rev	Originator / Date	Revised / Date	Approval / Date:	Description:
1	RPS / 8/20/13		REH 8/28/13	Originated

CATON CONNECTOR HARDWARE PAINTING REQUIREMENTS

1.0 Scope

Quality Note (QN) CT is a Caton Connector imposed quality specification. Suppliers are required to use approved paint processors as described in paragraph 3.0 of this document. When imposed, it is the responsibility of Caton Connector's suppliers to ensure the requirements of QN-CT are flowed to sub-tier suppliers and/or paint processors. The supplier shall provide evidence of compliance to the requirements contained in this document when requested by Caton Connector.

The purpose of QN-CT is to ensure paint processors who perform the Paint Special Process meet minimum Caton Connector quality standards, have processes in place, and are capable of producing painted hardware compliant with the applicable technical drawing package.

2.0 Applicable Documents

Quality Note (QN) CT is applicable only to Purchase Orders that require painting in accordance with any one of the paint specifications listed below.

G781772 CARC Paint and Process Specification

H346964 Zumwalt Paint and Process Specification

H352525 Cobra Judy Replacement Paint Process Specification

H372287 Requirements for Painting with CARC

MIS-20007 Painting Process and Inspection Requirements for Missile and Ground Equipment

MIS-37252 Painting Process for Chemical Agent Resistant Coating

<p>This document is an integral part of the contract (purchase order), which calls it out. The revision in effect at the time the purchase order was placed applies.</p>



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WS-9778 Paint System, Semi-Gloss, Air Drying, Process for Application of

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WS-10012 Enamel Paint System, Low Volatile Organic Content Epoxy, Semi-Gloss, Process for Application of

WS-10013 Enamel Paint System, Low Volatile Organic Content Epoxy, Semi-Gloss, Process for Application of

3.0 QN-CT Approval Listing.

Caton Connector approved painting processors shall be listed in the QN-CT Approved Supplier Listing. The list of Caton Connector approved paint processors is located on the Caton Connector Quality Notes website in the Supplier Listing (SL) column. Approval is specific to the Caton Connector specification, topcoat and Grade of the specification, as required by the part drawing. Approval for WS-10012, WS-10013, and WS-9778 is specific to the base material of the painted part.

4.0 Caton Connector Paint Processor Approval Process

Paint processors seeking QN-CT approval shall comply with the provisions outlined in this section.

4.1 On Site Audit.

The paint processor requesting approval to paint to the Caton Connector specification listed in paragraph 2.0 must be audited by a Caton Connector paint subject matter expert (SME) or designee. The subcontractor must satisfy all Caton Connector paint audit criteria prior to being approved.

4.2 Pre-Production Painted Step Panel.

Painted step panels representative of the Caton Connector paint process shall be submitted for review and inspection. Step panel(s) representative of each base material (or "Grade" per the applicable Caton Connector paint specification) to be painted for Caton Connector shall be provided. The step panel shall be coated with material complying with the appropriate topcoat material specification. Approval for one color may be extended to all colors of that topcoat material specification. Specific approval will be granted only for the test panel(s) base material provided and accepted for the respective specification, or if applicable, the specification topcoat material specification and grade.

The step panel shall be submitted to Caton Connector and will be evaluated for compliance to the material, process and quality requirements of the appropriate specification (at a minimum will include appearance, dry film thickness, dry and wet tape test, color and gloss). The supplier shall submit at least one step panel (preferably 3-4 inches wide by 10-12

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inches long in dimension) painted per the respective specification “Grade”, i.e. constructed of the base material and pretreatment finish as specified on the production part drawing.

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The step panel shall be prepared and painted in accordance with the production hardware finishing requirements.

If a single paint processor requires approval for multiple base materials or grades, pre-production step panels for all base materials or grades may not be required, provided step panels have been submitted and approved for similar base materials or grades. The paint SME shall have authority to make this determination, and direction will be communicated to Caton Connector Quality and to the paint processor through Caton Connector contracts.

5.0 Paint SME Authority.

The Caton Connector paint SME has ultimate QN-CT painter approval authority, and may allow precedence over the requirements of this document if circumstances dictate, and it is technically warranted. Paint processor approval direction shall be provided in writing to Caton Connector quality by the Caton Connector paint SME. In all circumstances, compliance to the technical drawing package and paint specification shall be demonstrated by the paint processor.

6.0 Additional Requirements

6.1 The supplier retains the responsibility for monitoring performance and compliance of their suppliers and paint processors. The supplier shall communicate to Caton Connector Material Acquisition and the Caton Connector Supplier Quality Manager, of any concerns in the performance of the Caton Connector approved processors.

6.2 Caton Connector will authorize the paint subcontractor to paint Caton Connector production hardware after all criteria documented herein is satisfied.

6.3 Caton Connector authorization for a supplier to paint Caton Connector production hardware is valid for a period of 3 years unless authorized by SME or Designee.

6.4 Audits may be scheduled at any time by Caton Connector when quality issues are reported and or as deemed necessary by Caton Connector.

6.5 Failure to conform to any of the requirements listed herein may result in rejection of Caton Connector production hardware and dismissal of approval process.

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