

Raytheon Quality Note
JY

Revision - Date
12 – 04/09/09

PLATING, SURFACE FINISHES, AND CONDITIONING **REQUIREMENT**

1.0 Scope.

Quality Note JY is a Raytheon imposed Quality specification. When imposed, it is the responsibility of Raytheon's supplier to ensure the requirements are flowed to sub-tier suppliers and/or processors. The supplier shall provide evidence of compliance to this requirement when requested by Raytheon.

The purpose of this note is to ensure Raytheon processors who perform the plating, surface finishes or conditioning meet minimum Raytheon Quality standards, have processes in place, and are capable of producing hardware compliant with the applicable technical drawing package.

2.0 Applicable Documents

2.1 The following Plating, Surface Finish and Conditioning specification types shall be in compliance to this Quality Note when required by the Raytheon Data Package and/or Statement of Work.

- 2.1.1** Military (MIL) Specifications: Example MIL-C-5541, MIL-C-26074, etc.
- 2.1.2** Federal Specifications: Example QQ-N-290, QQ-P-416, etc.
- 2.1.3** American Society For Testing and Material (ASTM) Specifications: Example ASTM B 700, ASTM B488, etc.
- 2.1.4** Society of Automotive Engineers (SAE) Specifications: Example SAE AMS-QQ-P-35A, SAE AMS 2404, etc.
- 2.1.5** Raytheon Specifications: Example MIS-41177, H314543, etc.

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3.0 Quality Note Requirements

Hardware provided in this Purchase Order shall comply with the requirements of this Quality Note when plating, surface finish or conditioning specifications are required by the Raytheon Technical Data Package and/or Statement of Work. This applies to the lowest level of sub-assembly and part numbers.

3.1 The processor performing plating, surface finish or conditioning shall comply with one of the following three conditions unless otherwise approved by Raytheon.

3.1.1 Condition I – Processor shall be an approved NADCAP Processors for all of the applicable platings (including underplatings), surface finish or conditioning process (es). The list of NADCAP approved suppliers can be found at www.eauditnet.com by creating an account. Upon access, refer to Buyer's Guide in the Public Documents.

3.1.2 Condition II – Processor shall be a Raytheon Approved Processor when a Raytheon controlled process is required. A Raytheon controlled process is considered not controlled by NADCAP at this time or a NADCAP controlled process that has limited quantity of approved processors. The list of Raytheon approved processors for Condition II is located on the Raytheon Quality Notes website (<http://qnotes.raytheon.com>) adjacent to the applicable quality note. Approval is by specific Raytheon controlled plating (including underplatings), surface finishing or conditioning process.

3.1.3 Condition III – Processor shall be an approved Raytheon Manufacturer. This condition applies when a manufacturer has in-house plating capability. The list of Raytheon approved manufacturers for Condition III is located on the

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Raytheon Quality Notes website (<http://qnotes.raytheon.com>) adjacent to the applicable quality note. Approval is by specific plating (including underplatings), surface finishing or conditioning process.

- 3.2** Authorization as a Raytheon Approved Processor or Manufacturer meeting Condition II or III is valid for a period not to exceed 3 years.
- 3.3** The supplier retains responsibility for monitoring performance and compliance of Processors. Supplier shall communicate to Raytheon Material Acquisition and Raytheon Quality all concerns in the performance of these processors.
- 3.4** Audits may be scheduled at anytime by Raytheon when quality issues are reported, there are major changes to an existing processing specification, or as deemed necessary by Raytheon.
- 3.5** Pure Tin (Sn) finishes shall meet the requirements of QN WF Standard Quality Note.

4.0 Exceptions

- 4.1** The following items are exempt from compliance with the requirements of this Quality Note. These exemptions do not relieve the supplier from assuring that plating processors meet the applicable plating specifications.
 - 4.1.1** Piece parts, components and/ or assemblies that are manufactured in accordance with (or manufactured to meet the requirements of) a Military, Federal or Commercial Specification Part Number: Examples JANTX, M39014, MS15795, NAS, RNR, MIL-PRF-39012, etc.
 - 4.1.2** Aftermarket or Obsolete Part Numbers.

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