

**RAYTHEON QUALITY NOTE SB**

**REQUIREMENTS FOR SOLDERED/PLATED ELECTRICAL,  
ELECTRONIC ASSEMBLIES/HARNESSES/CABLES/COMPONENTS  
AND MECHANICAL PROPERTIES**

Electronic, electrical, electromechanical and mechanical piece parts and assemblies, including the internal fabrication of hardware, delivered to Raytheon under the provisions of this Purchase Order shall not have pure tin finishes. Additionally, any tin-lead (Sn-Pb) plating or solder process/processing shall result in a finish of no less than 3% lead composition.

Note: This applies to component leads and terminations, carriers, bodies, cages, brackets, housings, mechanical items, hardware (nuts, screws, and bolts), etc. This does not apply to MIL-SPEC Parts or Raytheon Drawings that allow the use of Tin (Sn) with less than 3% lead (Pb).

A current listing of surface finishes that are exempt from this requirement can be obtained from Raytheon Buyer or viewed in attachments to Raytheon QNote SC.

Seller shall provide a Certificate of Conformance (C of C) with each shipment. The C of C shall mean that the Seller or Seller's agent has verified that delivered product meets the above listed composition requirements, or the material meets at least one of the following provisions:

- a. Seller or Seller's agent has contacted the Original Equipment Manufacturer (OEM) and verified that the specific Mfr / Lot Date Code of delivered product meets the specified minimum lead (Pb) requirement if Tin (Sn) is present in the product.
- b. Seller or Seller's Subcontractor has verified by actual sample testing (X-ray Fluorescence testing is preferred) or other industry acceptable method that a minimum of 3% lead (Pb) is present in any process that uses Tin (Sn).

Seller shall be responsible for managing the compliance with this requirement with subcontractors or sub-tier suppliers, and provide evidence of the appropriate flow-down and management of this requirement to the satisfaction of the Buyer or designate.

Unless otherwise specified in the quality attachment, all exceptions must be authorized in writing by the Raytheon Buyer.