

RC-55 STANDARD HARDWARE VERIFICATION

Sellers of assemblies utilizing standard hardware shall have laboratory analysis and test performed to verify the validity of certifications received from suppliers of standard hardware. As a minimum, the first lot of hardware from any given source shall be tested. The determination of verification intervals shall be based on the quality history for each source. Seller shall maintain records of testing and analysis and make them available for Buyer review.

Standard hardware includes inserts, retaining rings, studs, nuts, bolts, screws and pins, which are manufactured according to design standards such as:

1. National Standards
 - a. AS (Aerospace Standard)
 - b. MS (Military Standard)
 - c. NAS (National Aerospace Standard)
 - d. AN (Army, Navy)

2. Boeing Standards
 - RD (Rocketdyne Part Standard)
 - RE (Rocketdyne Control Standard)
 - LD (Los Angeles Division Standard)
 - MD (Space Division Standard)

INFORMATION

The intent of this provision is to assure standard hardware installed on assemblies being procured by Buyer meet the requirements of the hardware specification by performing an overcheck of selected laboratory tests which are required in the hardware specification. Typically standard hardware is subjected to tensile, hardness, and metallographic evaluation. Overcheck assurance should also verify hardware was manufactured from the prescribed material.