

Coded Note Number: **C6911**

Revision: **C003**

Date: **January 22, 2018**

Title: **MIL-P-24691/1 Conformance Requirements and Testing**

This summarizes the minimum quality conformance testing required to be performed as Objective Quality Evidence based on all amendments to MIL-P-24691 and MIL-P-24691/1 as of 23 May 2017.

Note: Order of Precedence: Contractual Ordering Data followed by section 2.3 of MIL-P-24691.

Lot Definition

Section 4.3 of MIL-P-24691 provides the definition of a lot for chemical analysis and mechanical properties

GROUP A

Dimensions, Finish, Marking and Workmanship

Number of Samples per MIL-P-24691 Section 4.4.3 unless stated otherwise in the contract.

Requirements and inspection per MIL-P-24691 except the requirements for workmanship which are per ASTM A106.

*Note: A statement within the Certificate of Conformance recording full compliance with specification requirements or Test Report as invoked.

GROUP B

Hydrostatic Test Inspection

100 % per MIL-P-24691 Section 4.4.4

Requirements and Test Specifications: ASTM A106 and ASTM A530

Minimum Hydrostatic Test Pressure is required to be reported

*Note: Alternate Electrical Testing is not permissible

Ultrasonic Test Inspection

100% per MIL-P- 24691 Section 4.4.4 (When specified per contract requirements)

Test Specification: MIL-P-24691 Section 4.5.3

GROUP C

Product Chemical Analysis

Number of Samples per MIL-P-24691 Section 4.4.1

Requirements and Test Specifications: ASTM A106 and ASTM A530

Mechanical Properties

Number of Samples per MIL-P-24691 Section 4.4.2

Requirements and Test Specifications: ASTM A106 and ASTM A530

Flattening Test

Number of Samples per MIL-P-24691 Section 4.4.3

Requirements and Test Specifications: ASTM A106 and ASTM A530

*Note: Flattening Test in accordance with ASTM A106 is required for applicable size ranges. Amendment 2 modified sampling requirements apply.

Flaring Test (Tubing Only)

Number of Samples per MIL-P-24691 Section 4.4.3

Requirements and Test Specifications: MIL-P-24691/1 and ASTM A450

Bending Test

Number of Samples per MIL-P-24691 Section 4.4.2

Requirements and Test Specifications: ASTM A106

*Note: Bending Test in accordance with ASTM A106 is required for applicable size ranges.

Note: This document does not exempt the contractor from meeting all purchase order requirements.