

Coded Note Number: **C2730**

Revision: **C003**

Date: **October 30, 2024**

Title: **BELLED-END FITTING BURST TEST CERTIFICATION**

QUANTITY: ONE (1) COPY

A certification shall be provided by the supplier, verifying completion of First Article Burst Test(s). First Article Burst Tests are required of each manufacturer's largest size belled-end fitting(s), for each fitting type, material alloy composition wherein the yield/tensile strength ratios are not proportional, starting material type (tube, plate, etc.), and method of manufacture. Burst Tests are also required for those intermediate size fitting(s) required by MSS-SP-119. Burst Tests may be extended between those similar fitting types and material alloy compositions which are specifically allowed by MSS-SP-119. All First Article Burst Tests must satisfy the Burst Test requirements of MSS-SP-119, and shall have been performed within five years of purchase date. The certificate shall contain the following minimum data:

- (1) Test facility, date, contact person and location where Burst Test Report is retained on file.
- (2) Fitting identification data, listed as "Prescribed Information" under Marking section of MSS-SP-119.
- (3) Manufacturing method (i.e. seamless pipe, welded pipe, or welded plate)
- (4) Measured pressure at burst failure
- (5) Location and mode of failure
- (6) Required burst pressure
- (7) Tensile strength of representative sample of material
- (8) Measured dimensions of fitting per the applicable table
- (9) Measured dimensions of belled sockets per Table 3
- (10) Measurement and location of minimum wall thickness of fitting
- (11) Any other pertinent information which affects burst test

Note: Strength of straight couplings (standard couplings) in accordance with MSS-SP-119-2003 may be proven by calculations, per the applicable sections of ASME, Code for Pressure Piping in lieu of Burst Testing.

Revision History Table

Rev	Description	Revision Date
C003	Added "Note: Strength of straight couplings (Standard Couplings) in accordance with MSS-SP-119-2003 may be proven by calculations, per the applicable sections of ASME, Code for Pressure Piping in lieu of Burst Testing."	10/30/2024

This revision history is provided for convenience and does not alleviate the supplier's responsibility with understanding and complying with the full coded note.