

Coded Note Number: **C2730**

Revision: **C002**

Date: **April 26, 2013**

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