

C2730
Revision Level C001
Revision Date April 25, 2007
BELLED-END FITTING BURST TEST
CERTIFICATION

QUANTITY: ONE (1) COPY

A CERTIFICATION SHALL BE PROVIDED BY THE VENDOR, 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, STARTING MATERIAL TYPE (TUBE, PLATE, ETC.), AND METHOD OF MANUFACTURE. BURST TESTS ARE ALSO REQUIRED FOR THOSE INTERMEDIATE SIZE FITTING(S) REQUIRED BY SP-119. BURST TESTS MAY BE EXTENDED BETWEEN THOSE SIMILAR FITTING TYPES WHICH ARE SPECIFICALLY ALLOWED BY MSS-SP-119. ALL FIRST ARTICLE BURST TESTS MUST SATISFY THE BURST TEST REQUIREMENTS OF 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 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