

Coded Note Number: **Y2530**

Revision: **C001**

Date: **March 7, 2017**

Title: **SURFACE AND PROOF TEST REQUIREMENTS FOR CUNI B16.9 FITTINGS**

Fittings must meet the following two requirements in addition to those already addressed in the PO:

**1. Surface Discontinuity Acceptance Standards**

Fitting surface finish shall allow the detection of imperfections that can be disclosed by visual inspection. Surface discontinuities, surface checks (fish scale), or mechanical marks shall be removed by machining or grinding to sound metal and shall not encroach upon the minimum wall thickness. Repaired areas shall be well faired. Minor surface imperfections less than 1/64-inch in depth are permissible, provided the bottom is visible and there is no raised metal.

**2. Proof Test Requirements**

The actual tensile strength of the specimen representative of the test fitting, shall meet the minimum tensile values noted below:

CUNI 70:30 → Minimum Tensile Strength (50 ksi)

CUNI 90:10 → Minimum Tensile Strength (38 ksi)