



**CITY OF AUSTIN  
STANDARD PRODUCTS LIST**  
for

**TAPPING SLEEVES: STEEL FULL-BODY FOR CSC PIPE**

**USING DEPARTMENT:** Austin Water      **PREPARED BY:** Robert Lamb, P.E.      **ISSUED:** 07/01/12  
**REVISED BY:** Jeff Kyle, P.E.      **REVISED:** 10/01/18

**DESCRIPTION:** Sleeves, Tapping, meeting AWWA C223, fabricated from carbon steel meeting ASTM A283 Grade C or ASTM A36, for use on CSC pipe. Sleeves shall have a flanged outlet and grout ports welded on a split body that completely surrounds the pipe. The following requirements must be met:

- 1) Body and outlet shall have minimum pressure rating of 200 psi.
- 2) A flat-faced flange conforming to AWWA C207 Class E shall be welded on the outlet.
- 3) The outlet flange shall have a bolt hole pattern conforming to ASME B16.1 Class 125 or ASME B16.5 Class 150, with the bolt holes straddling the vertical centerline of the outlet when the sleeve is in a horizontal position.
- 4) The outlet flange recess dimensions shall conform to MSS SP-60 for mating with tapping valve alignment lip.
- 5) Nuts, bolts, and washers shall be Type 304 stainless steel.
- 6) All components, except SS hardware, shall have minimum of 12 mil thick fusion-bonded epoxy coating on all surfaces.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
07/01/12	JCM INDUSTRIES, INC. P.O. Box 1220 Nash, TX 75569	JCM 415 Type 2 ESS  Approved Installers: Rangeline Tapping Services Mickie Service Company	R. Lamb

**NOTES:**

1. To be used only if indicated on AW-approved drawings.
2. Contractor's / Supplier's **PROJECT** submittal must include manufacturer's cut sheet and order data sheet that lists, among other information, the type of steel; type of nuts, bolts and washers; type and thickness of coating; class of flange; and pressure rating of body, all meeting the requirements listed above.
3. Contractor's / Supplier's **PROJECT** submittal must be approved by AW because these tapping sleeves become a permanent part of the system.

**LATEST REVISIONS:**

1. Combined requirements previously shown in Comment and Description and listed them together in Description.
2. Added approved installers.
3. Added explanation to Note 3.