



**CITY OF AUSTIN
STANDARD PRODUCTS LIST**
for

TAPPING SLEEVES: STEEL FULL-BODY MJ (16" & larger)

USING DEPARTMENT: Austin Water **PREPARED BY:** Robert Lamb, P.E. **ISSUED:** 01/01/09
REVISED BY: Jeff Kyle, P.E. **REVISED:** 10/01/18

DESCRIPTION: Sleeves, Tapping, 16 inch and larger, meeting AWWA C223, fabricated from carbon steel meeting ASTM A283 Grade C or ASTM A36, for use on cast iron, ductile iron, and PVC pipes. Sleeves shall have a flanged outlet welded on a split body that completely surrounds the pipe. The following requirements must be met:

- 1) The split body shall be joined together by gasketed side flanges.
- 2) The body shall have mechanical joint end connections with plain MJ gaskets and split MJ glands.
- 4) The body and outlet shall have minimum pressure rating of 200 psi.
- 5) A flat-faced flange conforming to AWWA C207 Class E shall be welded on the outlet.
- 6) 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.
- 7) The outlet flange shall have recess dimensions according to MSS SP-60 for mating with tapping valve alignment lip.
- 8) Nuts, bolts, and washers shall be Type 304 stainless steel.
- 9) 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
01/01/09	JCM INDUSTRIES, INC. P.O. Box 1220 Nash, TX 75569	JCM 414 ESS Approved Installers: Rangeline Tapping Services Mickie Service Company	R. Lamb
07/01/11	SMITH-BLAIR 30 Globe Ave. Texarkana, AK 71854	Type 624 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.