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.
3) The body and outlet shall have minimum pressure rating of 200 psi.
4) A flat-faced flange conforming to AWWA C207 Class E shall be welded on the outlet.
5) 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.
6) The outlet flange shall have recess dimensions according to MSS SP-60 for mating with tapping valve alignment lip.
7) 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.   JCM 414 ESS   R. Lamb
            P.O. Box 1220
            Nash, TX  75569

07/01/11   SMITH-BLAIR   Type 624   R. Lamb
            30 Globe Ave.
            Texarkana, AK  71854

Approved Installers:
Rangeline Tapping Services
Mickie Service Company

Approved Installers:
Rangeline Tapping Services
Mickie Service Company

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.