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.