

**MODIFICATION TO TUCSON WATER STANDARD WATERWORKS SPECIFICATION  
NO. 1409, TAPPING SLEEVE AND VALVE**

**1409.0103 Submittals.**

**REMOVE PARAGRAPH ONE AND REPLACE WITH THE FOLLOWING:**

Tapping sleeves and valves and the materials used in their manufacture shall comply with the Standard in Appendix B and appear on the MDWID Approved Materials List.

**1409.0201 Materials.**

**(B) Tapping Sleeves and Valves.**

**REMOVE PARAGRAPHS THREE AND FOUR AND REPLACE WITH  
THE FOLLOWING:**

Tapping sleeves shall consist of minimum type 304 stainless steel body, flange, and all accessories. Nuts or bolts shall be factory coated with an anti-seize material.

Tapping sleeves shall be equipped with ¾" NPT, type 304 stainless steel test plug with standard square head.

**1409.0301 Installation.**

**(A) General.**

**REMOVE SECTION (A) AND REPLACE WITH THE FOLLOWING:**

Tapping sleeves and valves shall be installed in accordance with Section 209 and the manufacturer's recommendations. Tapping sleeves and valves shall be encased with 8 mil polyethylene in accordance with AWWA C105, Method C.

Prior to tapping the water line and in the presence of the MDWID Inspector, tapping sleeves shall be pressure tested at up to 1.25 times the average system working pressure or in accordance with the manufacturers recommendations.

**(C) Valves.**

**REMOVE SECTION (C) AND REPLACE WITH THE FOLLOWING:**

Prior to installation, all valves shall be fully opened and closed to check the operation and ensure that the valve fully seats. A record shall be made of the number of turns required to fully open or close the valve. This record shall be submitted to the MDWID Inspector and included on the as-built plans. The inside of the valve shall be thoroughly cleaned prior to valve installation.