

MODIFICATION TO TUCSON WATER STANDARD WATERWORKS SPECIFICATION NO. 1413, AIR RELEASE VALVES

1413.0103 Submittals.

REMOVE PARAGRAPH ONE AND REPLACE WITH THE FOLLOWING:

Combination air and vacuum valves and the materials used in their manufacture shall comply with the standards in Appendix B, and appear on the MDWID Approved Materials List.

1413.0201 Materials.

(B) Pressure Class.

REMOVE PARAGRAPH ONE AND REPLACE WITH THE FOLLOWING:

Air and vacuum relief valves (ARV) shall be of the size indicated in the drawing and suitable for up to 150 psi working pressure and 250 psi rated pressure.

(C) Component Parts.

(1) General.

CHANGE PARAGRAPH THREE AS FOLLOWS:

The valve trim and all working parts shall be constructed of stainless steel, brass, or other non-plastic, corrosion-resistant material. The float shall be constructed of stainless steel. The drain plug shall be removed and replaced with a brass petcock.

1413.0302 Installation.

ADD THE FOLLOWING AS SECTION (D)

(D) Interior Metal Surfaces. All interior surfaces that are not composed of corrosion-resistant materials, machined parts, or bearing surfaces shall be epoxy coated in accordance with ANSI/AWWA C550. The dry film thickness of the epoxy coating shall be a minimum of 10 mils.

ADD THE FOLLOWING AS SECTION (E)

(E) Paints. Interior and exterior paints shall be suitable for potable water.