

SECTION 15116 - TELESCOPING VALVES

City of San Diego, CWP Guidelines

PART 1 -- GENERAL

1.1 WORK OF THIS SECTION

- A. The WORK of this Section includes providing manually-operated telescoping valves, complete and operable, as indicated, including appurtenances, operators, and accessories.

1.2 RELATED SECTIONS

- A. The WORK of the following Sections applies to the WORK of this Section. Other Sections of the Specifications, not referenced below, shall also apply to the extent required for proper performance of this WORK.

- 1. Section 15100 Valves, General

PART 2 -- PRODUCTS

2.1 GENERAL

- A. **Valve Assembly:** The telescoping valve assembly shall be of the rack and pinion type, of the size and travel range indicated. Assemblies shall consist of an offset handwheel pedestal with handwheel operator, a rising stem, slip tube with flat weir crest skimming funnels, a tube guide collar with companion flange and gasket and a mounting bracket.

2.2 CONSTRUCTION

- A. **Slip Tube:** The slip tube and skimming funnel shall be of Type 316, Schedule 40 stainless steel, with a seal to prevent leakage at the seam.
- B. **Stem:** The stem shall be minimum 3/4-inch brass or Type 316 stainless steel, with a travel and height indicating device calibrated in 1/2-inch increments. A suitable stem lock shall be provided for holding the stem at the desired level.
- C. **Guide Collar:** Guide collar shall include a neoprene gasket and cast iron companion flange for securing to the receiving pipe as indicated.
- D. **Mounting Bracket:** A cast iron bracket shall be provided for mounting the operator pedestal with stainless steel anchor bolts.
- E. **Fastening Hardware:** All nuts and bolts and other fastening hardware shall be Type 316 stainless steel.

2.3 NAMEPLATES, TOOLS AND SPARE PARTS

- A. **Spare Parts:** The WORK includes the following spare parts:

- 1. 2 sets of all gaskets and neoprene collars

Spare parts shall be stored in tool boxes, and identified with the equipment number by means of stainless steel or solid plastic name tags attached to the box.

2.4 MANUFACTURERS

- A. Telescoping valves of the type or model indicated shall be manufactured by one of the following (or equal):
 - 1. Envirex, Inc.
 - 2. Lakeside Equipment Corp.

PART 3 -- EXECUTION

3.1 INSTALLATION

- A. **General:** Telescoping valves shall be installed in accordance with the manufacturer's written instructions.

** END OF SECTION **