

SECTION 15130TIDE VALVESPART 1 - GENERAL1.1 DESCRIPTION

- A. Work Included: Furnish, install and test tide valves of the type(s) and size(s) and in the location(s) shown on the Drawings and as specified herein.
- B. Related Work Specified Elsewhere: "Valves and Specialties - General" is specified in this Division.

1.2 QUALITY ASSURANCE

- A. All tide valves of the same type, class, and duty shall be by one manufacturer.
- B. Acceptable manufacturers:
 - 1. Red Valve Co. Inc., Carnegie, PA
 - 2. Or equivalent

PART 2 - PRODUCTS2.1 MATERIALS

- A. Tide valves shall be of the flow operated check type designed to allow passage of flow in one direction while preventing reverse flow.
- B. Tide valves shall be all rubber with elastomer flanged end connections.
- C. Pressure drop through tide valve at maximum flow shall be less than 6-inches.
- D. Anchor bolts shall be of silicon bronze conforming to ASTM Standard Specification for Copper Alloy Sand Castings for General Applications, Designation B584-77 Copper Alloy UNS No. C86500, Commercial Designation No. 1 Manganese Bronze.

PART 3 - EXECUTION3.1 INSTALLATION

- A. Install in accordance with the manufacturer's recommendations as well as the "Valves and Specialties - General" Section in this Division.

END OF SECTION