

TELESCOPING VALVES MUD VALVES FLAP VALVES SHEAR GATES

SECTION _____

SHEAR GATES

1.0 GENERAL CONDITIONS

1.1 SCOPE OF WORK

- A. The contractor shall furnish all labor, materials, equipment and incidentals required for installation of shear gates.

1.2 QUALITY ASSURANCE

- A. The manufacturer shall have 10 years' experience manufacturing shear gates and shall show evidence of satisfactory operation in at least 5 installations. The company shall be ISO 9001 certified.

1.3 SUBMITTALS

- A. The manufacturer shall submit drawings showing critical dimensions, general construction, and materials used in the valve.

2.0 PRODUCT

2.1.1 GENERAL DESIGN FOR MODEL A2520

- A. Shear gates shall be of the heavy-duty design. The body, disc, and removable wedge shall be cast iron
- B. The seat rings, disc ring, hinge bolt, and hinge nut shall be bronze.
- C. The valve shall be single hinged for a tight-closing configuration.
- D. The gate shall be bronze-to-bronze in order to shear off any remaining sludge on the seat.

- E. All iron parts shall be coated in TNEMEC 2-part epoxy with 3-4 mils dry film thickness to prevent rusting or corrosion.
- F. Lift rods shall be supplied with the valve in standard 2 ft. lengths unless otherwise noted.
- G. The valve shall be machined, assembled, and tested in the USA for quality assurance.
- H. The company shall show proof of ISO 9001 certification.
- I. Valve and accessories shall be manufactured by Troy Valve Model A2520 or approved equal.