

TELESCOPING VALVES MUD VALVES FLAP VALVES SHEAR GATES

SECTION _____

FLOOR PRESSURE RELIEF VALVES

1.0 GENERAL CONDITIONS

1.1 SCOPE OF WORK

- A. The contractor shall furnish all labor, materials, equipment and incidentals required for installation of floor pressure relief valves.

1.2 QUALITY ASSURANCE

- A. The manufacturer shall have 10 years' experience manufacturing floor pressure relief valves and shall show evidence of satisfactory operation in at least 5 installations. The manufacturer 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 GENERAL DESIGN FOR MODEL A2550

- A. The relief valve shall have a cast iron body, cover, and removable grate.
- B. The cover shall have a resilient seat which mates with a machined bronze surface for sealing. Rubber-to-rubber seals shall not be accepted.
- C. The body of the valve shall have an integrally cast water stop to prevent water from traveling around the outside of the wall pipe.
- D. Valves shall be supplied to the exact length required to avoid field cutting. Additional length shall be acquired by adding PVC pipe to the bottom of the valve.

- E. The valve shall be machined, assembled, and tested in the USA for quality assurance.
- F. The manufacturer shall show proof of ISO 9001 certification.
- G. Where required, the manufacturer shall provide valve operating stems, floor stands, and stem guides as specified in the valve schedule or plans.
- H. Valve shall be Troy Valve Model A2550 4" or 6", or equal.