

TELESCOPING VALVES    MUD VALVES    FLAP VALVES    SHEAR GATES

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**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 mud valves.

**1.2 QUALITY ASSURANCE**

- A. The manufacturer shall have experience 10 years manufacturing floor pressure relief valves and shall show evidence of satisfactory operation in at least 5 installations. The manufacturer shall be ISO 9001:2008 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 travelling 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 9001:2008 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 A2550RSN 4" or 6", or equal.