

TELESCOPING VALVES MUD VALVES FLAP VALVES SHEAR GATES

SECTION _____

Valve Position Indicators

1.0 GENERAL CONDITIONS

1.1 SCOPE OF WORK

- A. The contractor shall furnish all labor, materials, equipment and incidentals required for installation of valve position indicators.

1.2 QUALITY ASSURANCE

- A. The manufacturer must be ISO 9001 certified.

1.3 SUBMITTALS

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

2.0 PRODUCT

2.1 GENERAL DESIGN FOR MODEL API_OP9FB

- A. The indicator shall be supplied as an assembly consisting of a valve box adaptor, an indicator, and an operating stem adaptor.
- B. The indicator shall be of a digital read out, dial indicators shall not be accepted.
- C. The body of the indicator shall be a shock proof, self extinguishing technopolymer case, and meet IP64 standards. The indicator shall be capable of temperatures up to 80°C.
- D. The indicator shall be encased in a transparent silicon casing which extends over the extension stem to ensure no water can penetrate the indicator where the operating stem attaches to the indicator bushing.

- E. The indicator shall be capable of reading from 0 to 9999.9 turns.
- F. Turns to open shall be indicated by a label next to the digital read out. The label shall be replaceable in the event that the indicator is used for a different valve.
- G. The valve box adaptor shall have a hole large enough to fit a 2” square socket through it so that extensions stem can be added or removed without removing the valve box adaptor.
- H. The valve position indicator assembly shall be machined, assembled, and tested in the USA for quality assurance.
- I. The manufacturer shall show proof of ISO 9001 certification.
- J. Where required, the manufacturer shall provide valve operating stems, floor stands, and stem guides as specified in the valve schedule or plans.
- K. Valve position indicator and accessories shall be manufactured by Troy Valve Model API_OP9FB or approved equal.