

Cast Iron Epoxy Coated Mud Valve Installation, Operation & Maintenance

Installation

IMPORTANT: Valve flanges must be level for proper installation.

The valve should be mounted to a standard 125-lb. ANSI flange. The mud valve should be recessed so that the top of the valve flange is flush with the floor to allow complete drainage. The mounting surface must be flat and free of debris. Also, remove any scaling near the inside diameter of the drain line before the valve is installed. This is especially important in **RETRO-FIT** installations.

*Precaution must be taken during installation to prevent damage to the machined bronze seat in the frame, particularly from heavy grit (concrete, etc.). Consider using a blind flange as a place holder for your mud valve while pouring concrete to avoid spatter on the mud valve.

NOTE: If valve is supplied with an extension stem with a yoke coupling operator by Troy Valve, the wrench nut on the mud valve must first be removed and replaced with the yoke coupling.

Operation

The valve operating mechanism may be a 2" square nut, hand wheel, or floor stand connected to the mud valve, using an extension stem that is attached directly to the valve stem using a coupling.

- To open the valve, rotate operating mechanism in a counter clockwise direction (open left).
- To close the valve, rotate the operating mechanism in a clockwise direction (close right).

Maintenance

Epoxy Coating: The yoke, plug, and frame of the cast iron mud valves are preserved with a two-part epoxy coating that is NSF approved for applications in both potable water and waste water applications.

Lubrication: The valve is lubricated after it is manufactured with a white, food-grade grease. The stem and lifting nut in the plug should be lubricated with a comparable, quality grease when the valve is accessible for general tank maintenance.