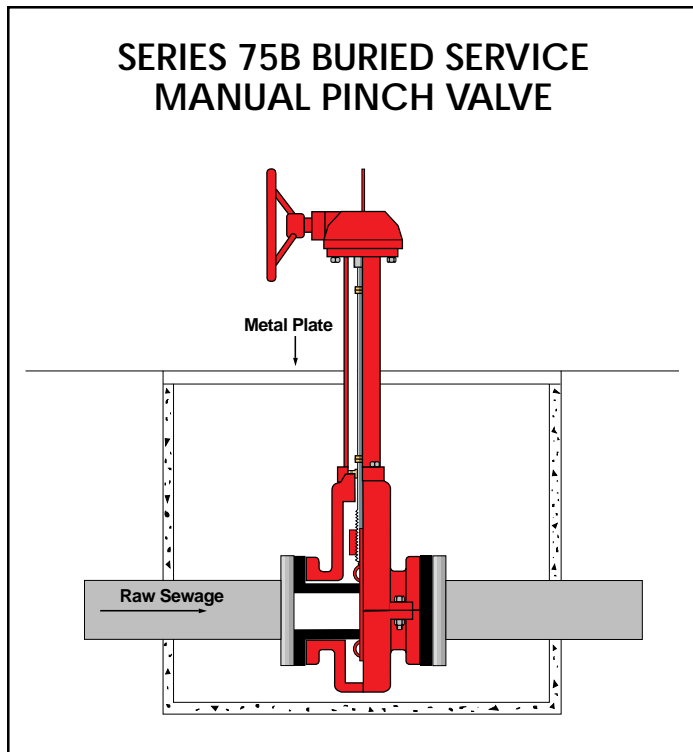


Application Data

Chemical ♦ Raw Sewage ♦ Series 75B



SERIES 75B BURIED SERVICE MANUAL PINCH VALVE



A large manufacturing plant in the southern U.S. wanted a reliable valve to use on its underground sewer lines. The valves would be installed in a vault deep below the earth, and operated manually from ground level. The raw sewage passing through the valve contains a high solids content, and a full-flow capacity was crucial. The valves were to be used as isolation valves to shut-off flow during maintenance or in an emergency. Since the valves would not be regularly operated, reliability was also a major concern.

The company chose the Red Valve Series 75B Buried Service Manual Pinch Valve in sizes 6", 8", and 10". The 75B was chosen because it was designed specifically for use on tough slurries, and in harsh environments. The Series 75B features a full port that creates no obstructions or changes in the direction of flow. The body is completely sealed, to protect the operating mechanism from debris, rust, and corrosion that might hinder valve operation. The sleeve is the only wetted part of the valve, so grit and other contaminants in the sewage cannot clog the operating mechanism, and no packing replacement is necessary. The Series 75B is now the only valve the company uses in this application.

