

# GATE VALVES

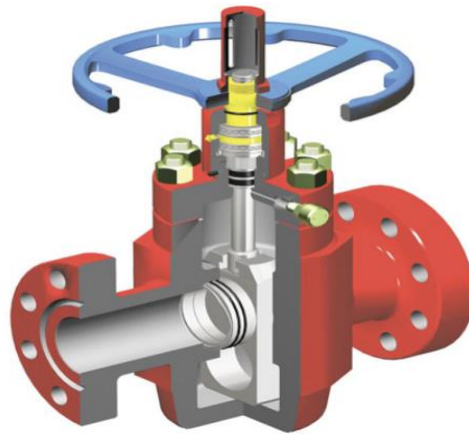
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## GATE VALVES

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At Burj, we offer a variety of gate valves as per your requirements!

From Manual, Hydraulics as well as Air Actuated. You name it and we have it!



Gate valves are an essential component in oil and gas drilling operations, used to control the flow of fluids through pipes and wells. They are typically used to isolate different sections of a wellbore, or to shut off the flow of fluid entirely in emergency situations.

Gate valves operate by using a gate or wedge-shaped disk to regulate the flow of fluid. When the valve is open, the gate is lifted to allow fluid to flow through the valve, while closing the valve lowers the gate to block the flow.

One of the main advantages of gate valves is their ability to provide a tight seal when closed, which helps to prevent leaks and ensure the safe operation of the well. They also have relatively low fluid resistance, allowing for efficient flow through the valve.

However, gate valves can be prone to erosion and corrosion, particularly when exposed to abrasive fluids or high-pressure environments. Proper maintenance and inspection are essential to ensure the continued safe and efficient operation of gate valves in oil and gas drilling.

