



It's an honor to share that our factory is equipped with this advanced testing facility. The flow resistance test is a critical aspect of valve testing, especially for evaluating the performance and functionality of different types of valves. This test helps ensure that valves can effectively function and control the flow of fluids in a system and meet specified performance criteria.

Valve manufacturers often conduct flow resistance tests in accordance with industry standards such as BS (British Standard) or ISO (International Organization for Standardization).

The valve is installed in a test loop or system that simulates the operating conditions it will face in the actual application. Instruments like pressure gauges and flow meters are installed upstream and downstream of the valve to measure parameters. Valve performance is compared against predetermined criteria, which may include allowable pressure drop limits at different flow rates. In addition to flow resistance, the test may also evaluate any potential leakage around the valve seat and other sealing surfaces. The leakage rate is monitored and compared to acceptable limits. The test data, including flow rates, pressure differentials, and any observed anomalies, are recorded for analysis.

UNDERSTANDING HOW FLOW RESISTANCE TESTING SHAPES VALVE RELIABILITY

In the realm of fluid control systems, valves play a pivotal role. Ensuring their reliable performance is a journey that involves rigorous testing, and one crucial aspect is the Flow Resistance Test.

