

SURFACE SAFETY VALVE (ESD Valve)

ESD 10,000 psig Fail Safe Hydraulically Actuated Valve

The purpose of the ESD valve is to shut down the well in an emergency situation. The gate type valve is fitted with a hydraulic/spring actuator that is designed to hydraulically hold the valve open. In an emergency situation the actuator will vent and the valve on spring will force the gate to close. The valve is designed to interface with Oiltest's FAST ESD system.



Specification

Service:	Sour
Internal Diameter:	3"
Pressure Rating:	10,000 psig
Maximum Temperature Rating:	350 deg F
Minimum Temperature Rating:	-20 deg F
Valve Type:	Gate with Hard Face
Inlet Connection:	Inlet 3" Fig. 2202 Hammer union thread
Outlet Connection:	Outlet 3" Fig. 2202 Hammer union wing
Pipework Connection Seal Type:	FR58/90 (Anson Superseals)
Skid:	Oilfield Type with Crash Frame
Weight (approximate):	250 kgs
Dimensions (approximate):	1.87 x 2.63 meters