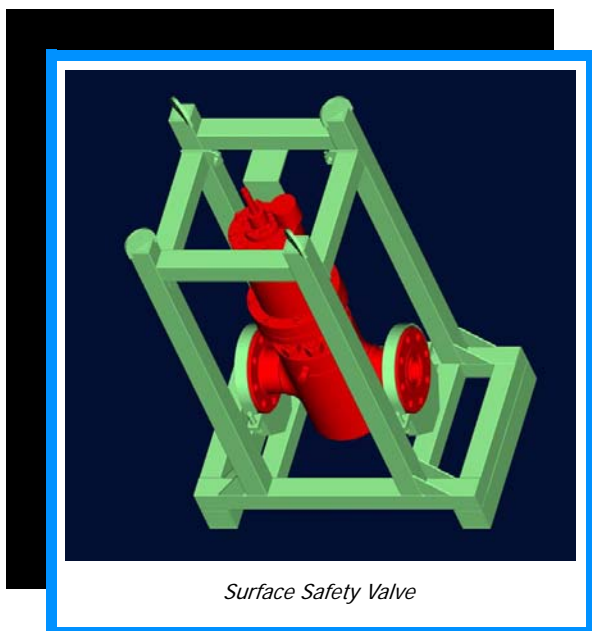


SURFACE SAFETY VALVE



The surface safety valve (SSV) is used to stop the upstream flow from the choke manifold in case of an emergency.

SSVs are operated by the Emergency Shutdown (ESD) system. The ESD system enables field operators to shut down the upstream flow at any desired location during testing operations. Shutdown is achieved by transmitting pressure either by hydraulic or pneumatic medium to the SSV actuator.

The actuator has a pressure-to-open configuration. SSVs will close once the pressure is released from the actuator.

SSVs are equipped with a supporting frame and pad eyes for ease of transportation to offshore installations.

TETRA PRODUCTION TESTING SERVICES

TECHNICAL SPECIFICATION

Working Pressures:	34.47, 68.95, 103.42 MPa (5,000, 10,000, 15,000 psi)
Working Temperature Range:	-29°C to 121°C (-20°F to 250°F)
Types:	Hydraulic or Pneumatic
Inside Diameter Range:	7.78 to 7.94 centimeters (to 3 1/16 to 3 1/8 inches)
Service:	H ₂ S
Standard:	NACE MR0175
Code:	API 6A
Connections:	
Inlet Union (Female):	8-centimeter (3-inch)—1502 to 2202
Outlet Union (Male):	8-centimeter (3-inch)—1502 to 2202
Dimensions (L x W x H):	1.2 x 0.61 x 1.2 meters (4 x 2 x 4 feet)
Weight Range:	227 to 454 kilograms (500 to 1,000 pounds)