

Surface Safety Valve

SURFACE EQUIPMENT

Overview

The surface safety valve is an independent safety valve controlled by the Emergency Shut Down system. Positioned upstream of the choke manifold, it is the primary safety valve on any production operation. Connected through the Emergency Shut Down system panel, it can be activated by overpressure, loss of pressure, high or low vessel levels or manual intervention.

Applicable Information

- Offshore and onshore operations
- Emergency well shutdown valve, fail close / pump open
- Well test operations
- Flow back operations
- Wellsite intervention services
- Early production facilities and extended appraisal testing

Features

- Hydraulic or Pneumatic variants
- Normally closed

Benefits

- Can be tied into numerous shut down functions via the ESD panel
- API 6A and NACE compliant



Equipment Specifications - Surface Safety Valve	
Working Pressure (psig)	10,000, 15,000
Temperature (°F)	-20/350
Applicable Code	NACE MR-01-75/API 6A
Actuators	Pneumatic or Hydraulic
Connections	
Inlet Union (Female)	2" to 4" - 1502 to 2202 or API flanges
Outlet Union (Male)	2" to 4" - 1502 to 2202 or API flanges
Dimensions (L x W x H)	3' x 2' x 5'
Weight (lbs)	85/230

Note: Various sizes and configurations available.



Emergency Shutdown Panel