

Surface Safety Valve

1. General

Surface safety valve (SSV) is a hydraulically actuated fail-safe gate valve for testing oil and gas well with high flow rates, high pressures, or the pressure of H₂S. The surface safety valve (SSV) is used to quickly shut down the well choke manifold upstream in the event of overpressure, failure, a leak in downstream equipment, or any other well emergency requiring an immediate shut down

The pressure needed to keep the valve open can be provided with a simple hand pump which, in an emergency, is bled off on the rig floor. However, a more sophisticated system called an emergency shut down (ESD) is recommended because it allows the actuator to be activated remotely



2. Available Spec.

- Service : Oil, Gas, H₂S Service
- Size : 2 – 7 inch
- Working Pressure : 2000 - 15,000PSI
- Working Temperature : P-U
- Material Class : AA -EE
- Connection : Flanged & Weco Hammer Union & Thread

3. Design Code

API 6A & API 16C
 NACE MR.0175

4. Feature

- Visual position indicator.
- Optional fire protection (fusible loop).
- Separate stems can make them easy disassembling and maintaining.
- Has a compound-springs designing to improve its stability.



5. INSPECTION, QUALITY CERTIFICATE AND AFTER-SALE SERVICE

5.1 Inspection

We adopt factory inspection and on-site inspection. If the product passes on-site inspection, it will enter warranty period. The inspection conforms to the protocol signed by the two parties and product manufacturing standard. Any kind of third party inspection is acceptable.

5.2 Quality Certificate

- All the equipment are manufactured according to ISO9001 and API standard
- Warranty period is 18 months after receiving the goods or 12 months after operation. If there are quality problems within warranty period, the supplier is responsible for solving problems in time at any time.
- If failure and potential safety hazard appear during operation because of designing defect, the supplier will improve the equipment for free.
- We will provide complete high quality technical document and brochure of the whole equipment in English.

5.3 Documentations

- Traceability Documents: (Including Raw Material Test Certificate, NDT Report, Pressure Test Report, etc.)
- General Assembly Drawing
- 3) Technical Service Manual

For more information about our **Surface Safety Valve**, please feel free to contact us:

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Or visit us: <http://www.ccscpetro.com/surface-safety-valve.html>