

Choke Manifold

1. General

Choke Manifold, is downstream of the flowhead. Its principal function is to control flowrate and pressure. Fluid flows from the flowhead to the choke manifold, where flowrate and pressure are reduced by the restrictive orifices in the choke manifold.

Choke manifold consists of four gate valves (five if a bypass valve needed), a positive choke, an adjustable choke, and several pressure or sampling ports to monitor pressure or fluid characteristics.



2. Available Spec.

SERVICE	:Oil, Gas, H2S Service
Size	:2 – 7 inch
WORKING PRESSURE	:2000 - 15,000PSI
WORKING TEMPRATURE	:P-U
MATERIAL CLASS	:AA -EE
CONNECTION	: Flanged & Weco Hammer Union & Thread
NO. OF VALVES	: 4 or 5

3. Design Code

API 6A & API 16C
 NACE MR.0175

4. Feature

- Reduce effluent pressure before entering process equipment
- Fast choke changes without interrupting the flow
- Control flow with a calibrated orifice for flow rate reference
- Two flow paths, one through a positive choke, and one through an adjustable choke that can be converted to a positive choke

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

- 1) All the equipment are manufactured according to ISO9001 and API standard
- 2) 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.
- 3) If failure and potential safety hazard appear during operation because of designing defect, the supplier will improve the equipment for free.
- 4) We will provide complete high quality technical document and brochure of the whole equipment in English.

5.3 Documentations

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

6. Choke manifold Photos



For more information about our **choke manifold**, please feel free to contact us:

sale@ccscpetro.com

Or visit us: http://www.ccscpetro.com/choke_manifolds.html