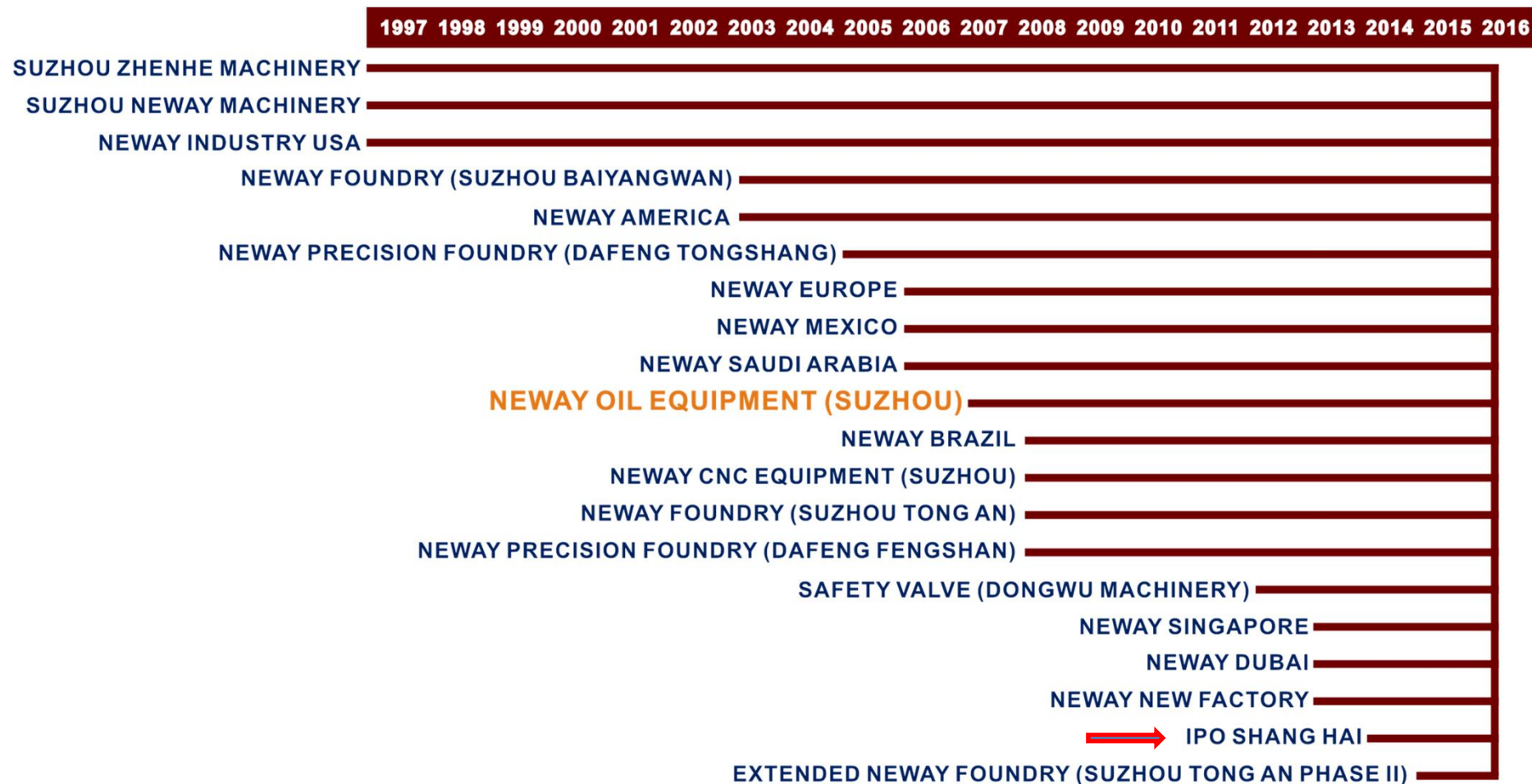
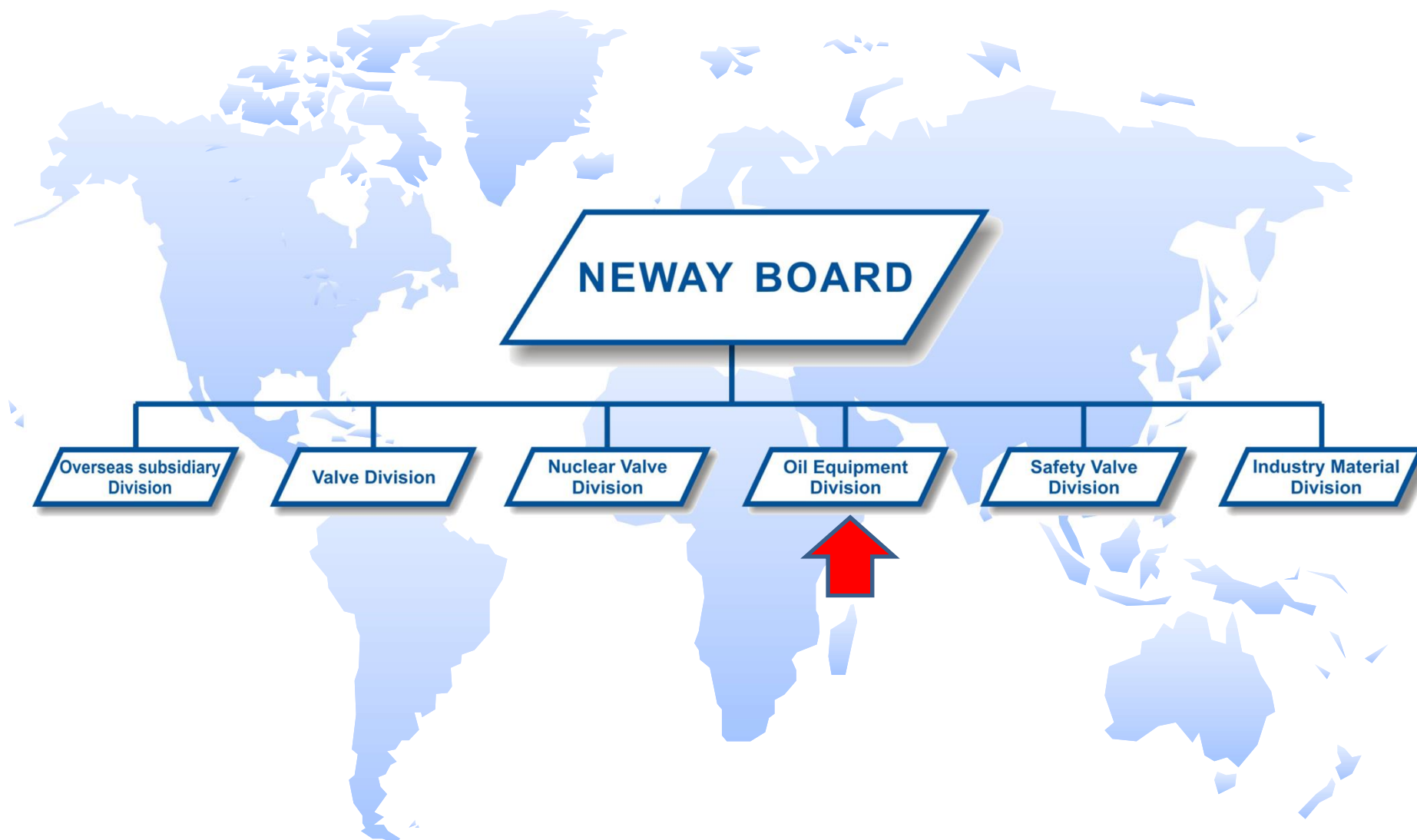




# Neway Oil Equipment

**XIANG JI (SEVEN) : [SEVEN.JI@NEWAY.COM.CN](mailto:SEVEN.JI@NEWAY.COM.CN)**







Founded : 2007

Cover Area : 33,000sqm

Work Shop : 20,000sqm

Max. Capacity : US\$ 50M/Year

Main Product : API6A VALVE, Wellhead&X-mas tree, Manifold





## Tong'an Foundry



Founded: 2008

Expansion: 2015

Total Cover Area:

112,500sqm

Total Work Shop:

98,000sqm

New Construction Area:

36,000sqm

Scheduled Max. Capacity :

19,200T/year (100% Capacity Growth)

Main Product :

Sand Casting

## Forging Plant

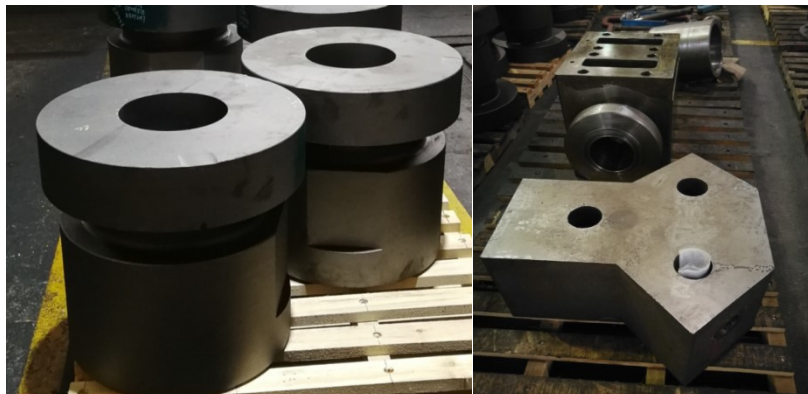
Location: Liyang city (Changzhou)

Cover Area : 53,300sqm

Work Shop : 33,000sqm

Max. Capacity: 50,000T/year

Main Product: Wellhead and Valve parts





## ***Software***

### **SAP System**

Neway applies SAP system, which is the most famous ERP software in the world



### **Office Automatic System**

Neway applies OA system to strengthen the administrative efficiency



### **Manufacturing Execution System**

Neway applies MES system to improve the efficiency of production management



### **PLM System**

Neway applies PLM system to share product development information and process

## ***Machining & Welding***

5M Vertical Lathe



CNC Boring Mill



Hot-wire TIG Automatic cladding system



High Velocity Oxygen Fuel Equipment



Welding Smoke Absorber





## API 6A PLANT

Specialized plant for API 6A 16C 16A products ,valve, wellhead & X-mas tree, BOP, manifold, flowhead, etc

### SMART PRESSURE TESTING SYSTEM



### PR2 TESTING CHAMBER



UP TO 4-1/16"

COVER 9"

- ISO 9001-2015 Issued by DNV & API 6A
- ISO 14001/18001 EHS Management Cert
- API 6A For API 6A Valve, Issued by API
- API 16C For API 16C Drilling Control System, Issued by API
- API 17D For subsea products
- PR2 Product Test, Issued by DNV & LR
- CE/PED For API 6A product, Issued by DNV.
- TS China Manufacture License of Special Equipment
- API 607/6FA Fire Safe Test, Issued by Lloyd's



# PR2 CERTIFICATE—DNV&LR

## GEN Expending gate valve:

- 1-13/16" through 5-1/8"; 2000 psi to 5000psi; LU

## GBC slab gate valve

- 1-13/16" through 4-1/16"; 2000 psi to 15000psi; LU

## GBS High performance gate valve

- 1-13/16" through 7-1/16"; 2000 psi to 5000psi; PU
- 1-13/16" through 4-1/16"; 15000 psi to 5000psi; LU, PX
- 1-13/16" through 5-1/8"; 2000 psi to 10000psi; LU

## CHOKER VALVE:

- 1-13/16" through 4-1/16"; 2000 psi to 20000psi; PU

**WELLHEADS:** 11"~16-3/4" 5000PSI;  
9"~13-5/8" 10000PSI;  
5-1/8"~9" 15000PSI; PU

[illegible]



## ◆ Drilling (Drilling Services & Rig Building)



Wellheads

Valves

Manifold (Choke, Kill)

## ◆ Fracing service

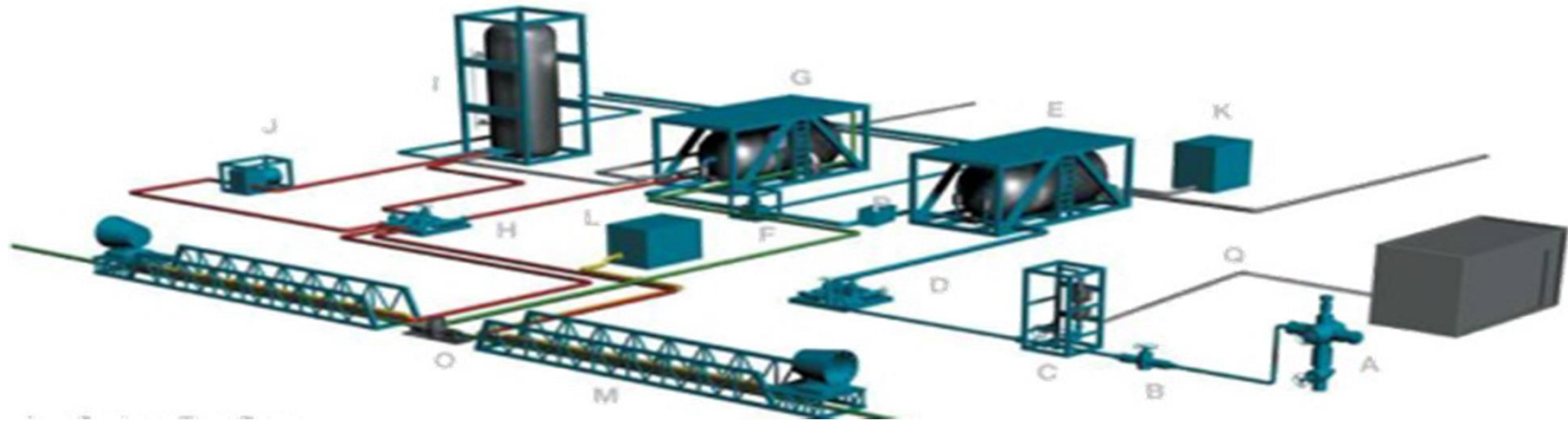


Frac head

Frac Valve



## Cementing, Well Testing, Completion(Well Services)



- Flow heads
- SSV's
- Testing Manifolds
- Cementing Manifolds
- Loose valves for steam Exchangers and Heaters



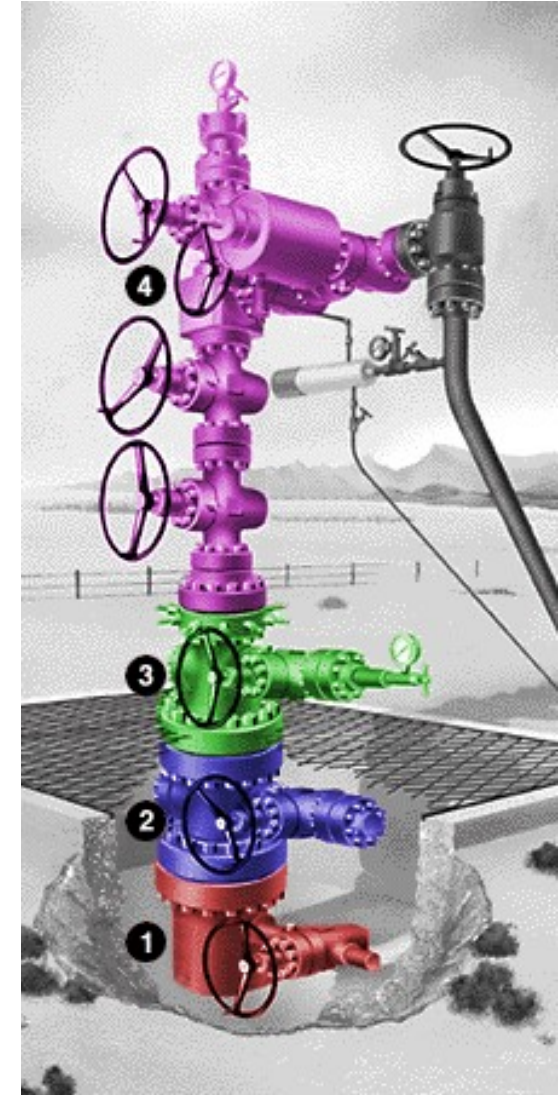
## ◆ Production

- Wellheads and X-Mas Trees



## ◆ Transport (Oil and Gas Companies)

- Line Pressure Operated Valves (flow-lines from X-mas tree to gathering Center).



Valve

Surface Equipment

Offshore Equipment

Subsea Valve

Gate  
Valve



Check  
Valve



Ball  
Valve



Ball Screw  
Gate Valve



Mud  
Valve



Choke  
Valve



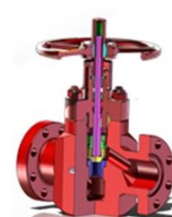
Pneumatic  
Actuator



Hydraulic  
Actuator



Globe  
Valve



Valve

Surface Equipment

Offshore Equipment

Subsea Valve

Christmas Tree



Wellhead Assembly



Test Tree



Choke Manifold



Kill Manifold



Product Application





Valve

Surface Equipment

Offshore Equipment

Subsea Valve

Multiple Valve



Y Type  
Christmas Tree



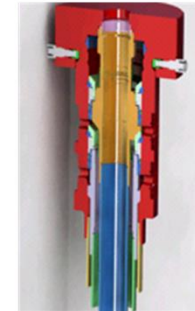
Compact Wellhead



Side-By-Side  
Wellhead



Compact  
wellheads



- Reduce platform size
- Reduce time for installation
- Independent drilling and well completion
- Maximum use of the existing platform well slots
- Enhance each platform's oil and gas productivity

API6A VALVE

Surface equipment

Offshore Equipment

Subsea Valve

Ball Valve



Under Water Field Testing

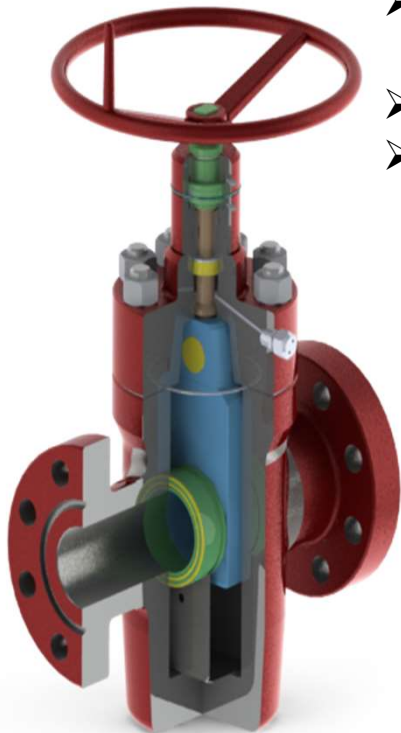


- Gate valve and ball valve sample has been put on testing field under water 500m depth

## GATE VALVE

### ◆ Features:

- Tungsten Carbide coating on gate and seat surface provide stable sealing and zero leakage
- Lip-seal combined stem packing for PR2 service
- Stem back seat design, stem packing replaced under pressure.



P/S	1-13/16	2-1/16	2-9/16	3-1/16	4-1/16	5-1/8	7-1/16	9
3000 Psi	▲	▲	▲	▲	▲	▲	▲	▲
5000 Psi	▲	▲	▲	▲	▲	▲	▲	▲
10000 Psi	▲	▲	▲	▲	▲	▲	▲	▲
15000 Psi	▲	▲	▲	▲	▲	▲	▲	
20000 Psi		▲	▲	▲				

Material Class: API 6A 20th AA ~ HH;

Temperature Rating: K(-60℃) ~ X(180℃)

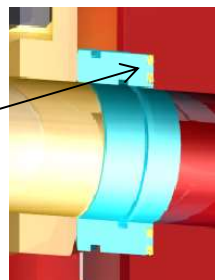
Performance Requirement Level: PR1 ~ 2

Product Specification Level: PSL1 ~ 4

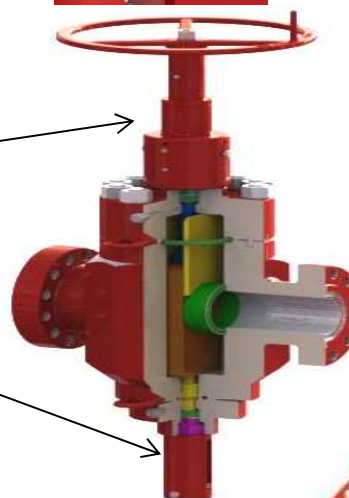


**MANUAL OPERATED GATE VALVE****◆ GBS series:**

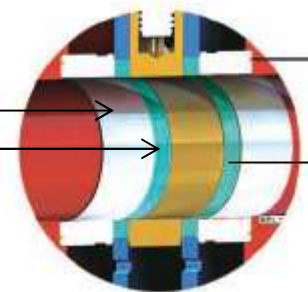
- Two Lip-seal spring loading sealing ring between seat and bonnet seal
- Slab-Style gate

**◆ GBSR series:**

- Ball screw
- Balance stem
- Slab-Style gate

**◆ GBC series:**

- Two piece seat at each side
- Slab-Style gate

**◆ GEN series:**

- Expending gate design



Slab-Style  
gate

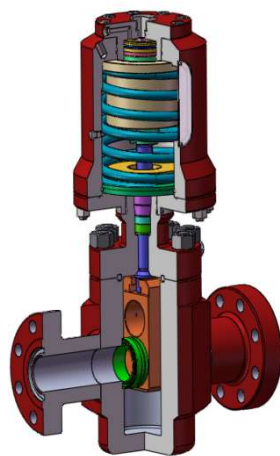
## ACTUATOR OPERATED GATE VALVE

### ◆ Hydraulic actuator

- AH series: Single action, spring load
- AC series: Spring load, compact design
- DH series: Double action, piston operate

### ◆ Pneumatic Actuator:

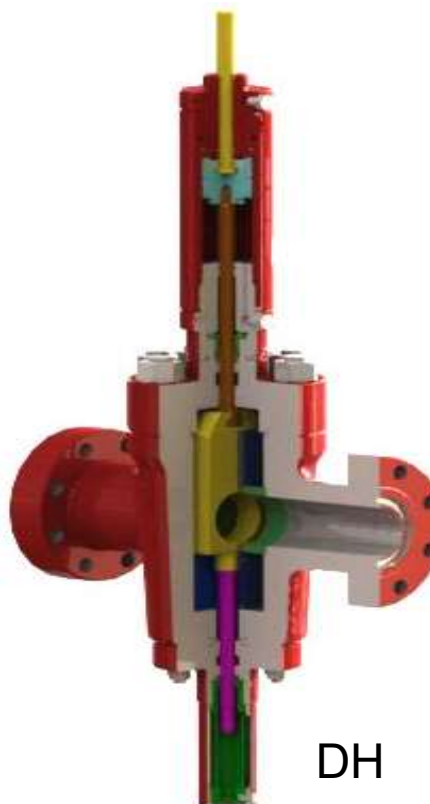
- AD series: Diaphragm
- AP series: Piston



AC



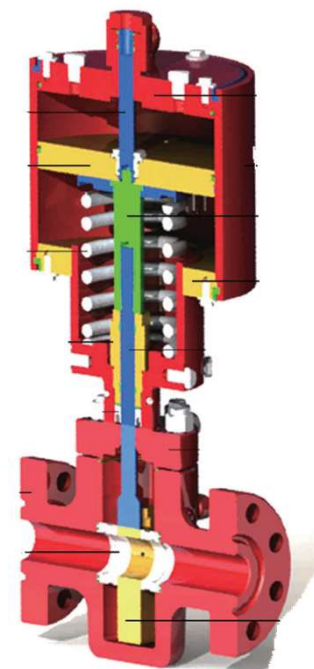
AH



DH



AD



AP

## MUD VALVE

- ◆ Features:
  - 2/3 height of slab gate valve
  - 1/2 operate time of gate valve
  - Soft rub sealing
  - For mud and drilling fluid service

P/S	2 inch	3 inch	4 inch	5 inch
2000 Psi	▲	▲	▲	▲
3000 Psi	▲	▲	▲	▲
7500Psi	▲	▲	▲	▲
Material Class: API 6A 20th AA ~ HH;				
Temperature Rating: L(-46℃) ~ X(180℃)				
Performance Requirement Level: PR1 ~ 2				
Product Specification Level: PSL1 ~ 4				





## CHOKE VALVE

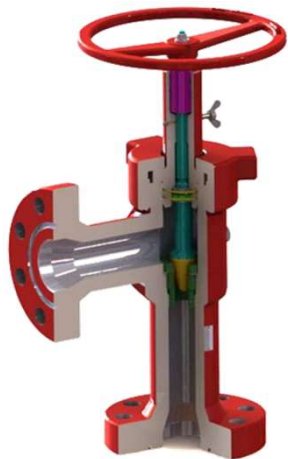
- ◆ Features:
  - Adjust fluid by disc
  - For X-mas tree, manifold



manifold



X-mas tree



P/S	2-1/16	2-9/16	3-1/16	4-1/16	5-1/8	7-1/16	9
3000 Psi	▲	▲	▲	▲	▲	▲	▲
5000 Psi	▲	▲	▲	▲	▲	▲	▲
10000Psi	▲	▲	▲	▲	▲	▲	
15000Psi	▲	▲	▲	▲	▲		

Material Class: API 6A 20th AA ~ HH;

Temperature Rating: K(-60℃) ~ X(180℃)

Performance Requirement Level: PR1 ~ 2

Product Specification Level: PSL1 ~ 4

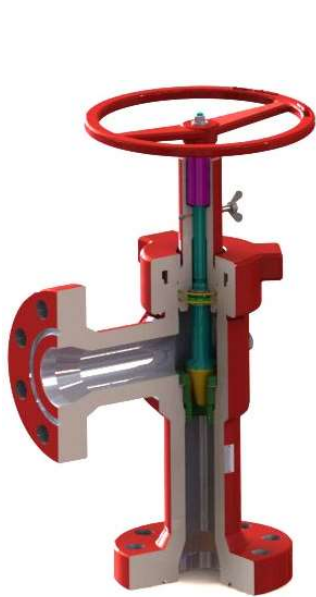
## CHOKE VALVE

### ◆ Adjustable Choke

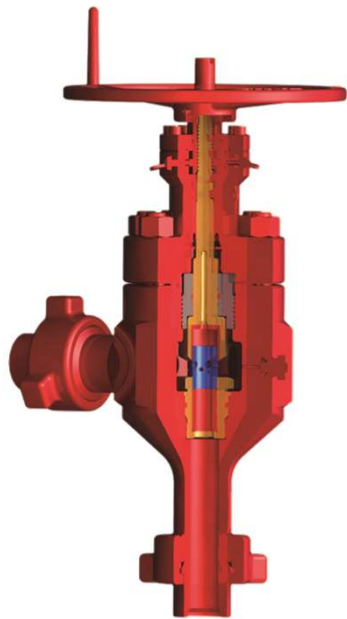
- CAN series: Tapered needle disc
- CAE series: Sleeve disc
- CAP series: Plug disc
- CM series: Adjacent disc

### ◆ Positive Choke

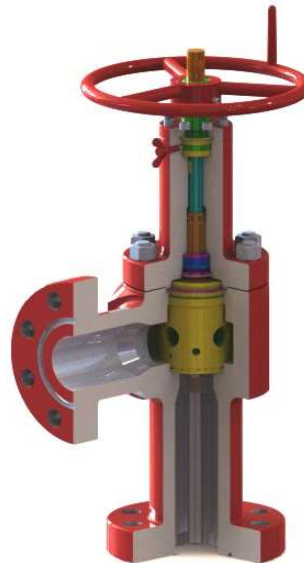
- CP series: Replaceable different size Choke Bean



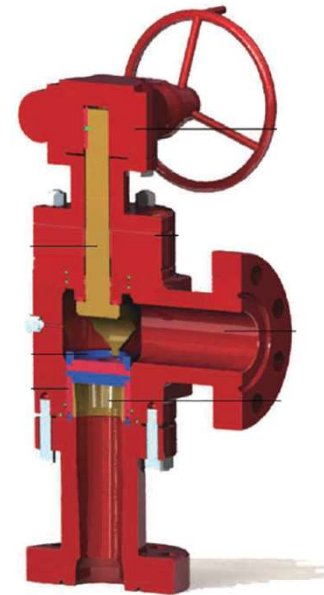
CAN



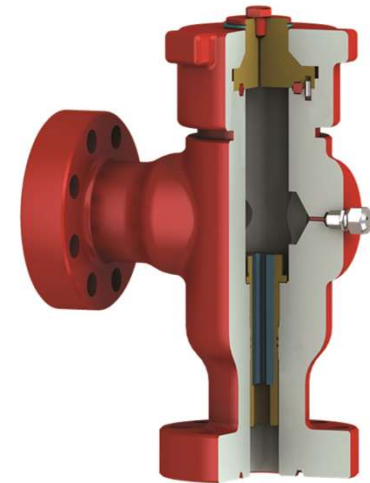
CAE



CAP



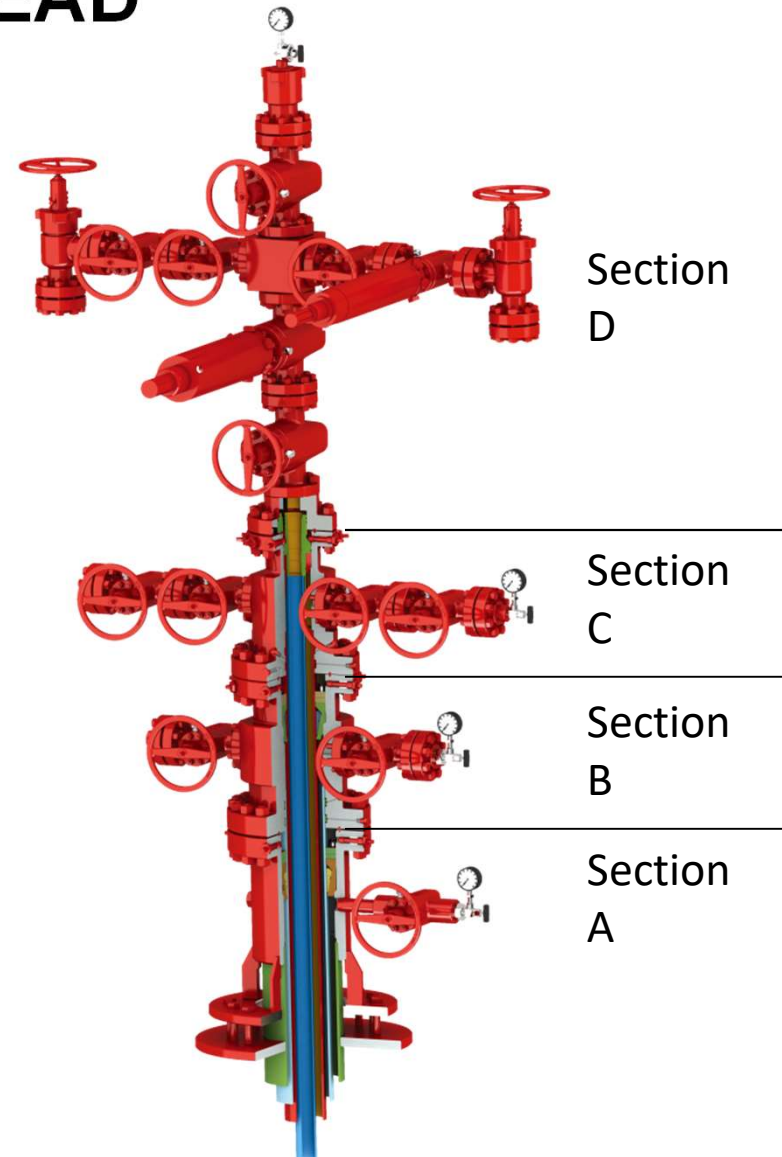
CM



CP

## WELLHEAD

- Section A
  - Lowermost Casing Head
  - Casing Housing
- Section B
  - Intermediate Head
  - Casing Spool
- Section C
  - Tubing Spool
  - Tubing Head
- Section D
  - Adapter Flange
  - Christmas Tree





## API6A





SINOPEC 20000psi GATE VALVE, CHOKE VALVE



CNPC 20000PSI, SLEEVE CHOKE VALVE, PSL3G HH





SINOPEC 20000PSI, FRAC/SAND SERVICE GATE VALVE

## SHELL- MALIKAL PROJECT

Country: Mayalisa

Buyer: Technip

End user: SHELL

Size: Gate 7-1/16" 5000psi, F51  
body PSL2 PR2

## Malikai EPC TLP Project

KICK-OFF MEETING with NEWAY VALVE



Kuala Lumpur, Monday, 28<sup>th</sup> March  
2014

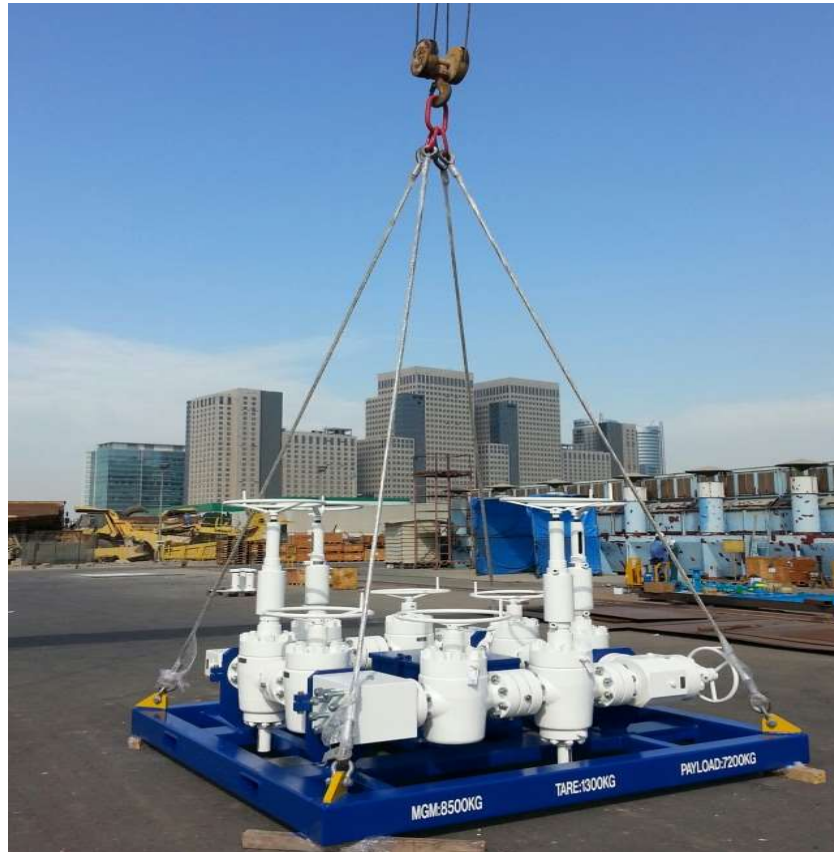






CNOOC 5000PSI, GATE VALVE under water 500M deeper

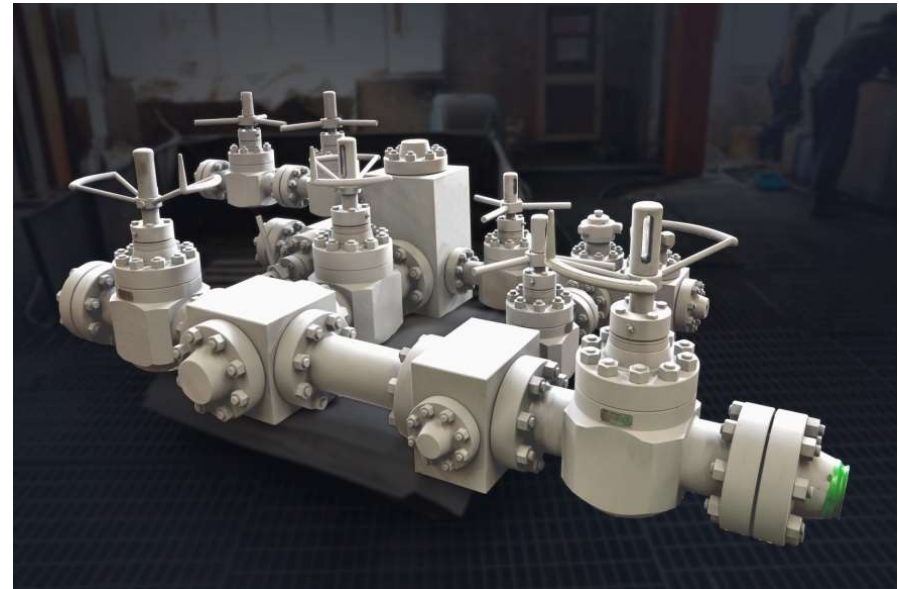
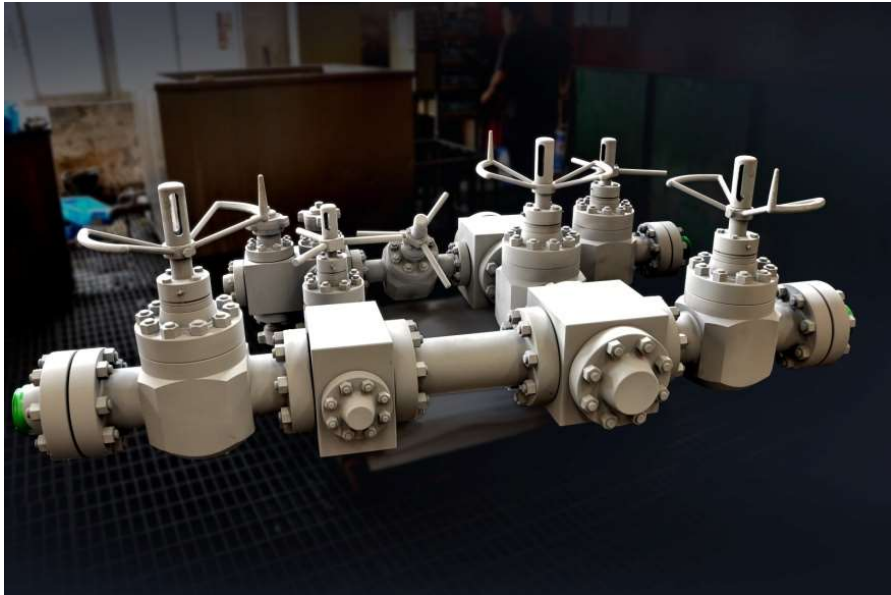




SCHLUMBERGER WELL TESTING MANIFOLD, SSV



SINOPEC, CHOKE MANIFOLD, STANDLINE MANIFOLD



COSL MUD MANIFOLD





SYRIA PETROLEUM COMPANY  
Wellhead & Xmas tree 5000psi



OMAN, Wellhead & Mas  
tree, 5000psi, 10000psi