



# | OKAY VALVE

INDUSTRIAL VALVE MANUFACTURER

MT OKAY VALVE CO.,LTD.



# CONTENTS



## 01 COMPANY INTRODUCTION

---



## 02 PRODUCTS

---



## 03 R&D

---



## 04 PRODUCTION CAPACITY

---



## 05 QUALIFICATIONS / CERTIFICATES

---



# Part 01

# COMPANY INTRODUCTION

---

# GLOBAL DISTRIBUTION

- Fast technical support & delivery capability
- optimal in-house supply of castings
- 400 Global service calls / Overseas collaboration services

EUROPEAN SALES REPRESENTATIVE OFFICE



VALVE FACTORY



SAUDI (FACTORY)



Houston  
Americas sales representative office

DUBAI (MARKETING)



Sao Paulo



SUZHOU SALES COMPANY



SHANGHAI SALES COMPANY



FOUNDRY

Sydney  
Australian Sales Representative Office

Russia  
European Sales Representative Office

Holland

Egypt

UAE

Dubai

South Africa  
Africa

Singapore  
Southeast Asia

Foundry (Yancheng Dafeng)  
Valve Factory (Yancheng Dafeng)  
Yancheng

Suzhou Sales Company  
Chengdu Sales Company

Tianjin Sales Company

Seoul

East Asia Sales Representative Office

Shanghai Sales Company





## VALVE FACTORY

Established in 2007

Expansion in 2022

Main Products: Gate, Globe, Check, Ball, Plug & Butterfly Valves

Capacity: US\$ 80M/Year, 200,000pcs /Year

OKAY VALVE main product lines include gate, globe, check, ball and special valves, which are designed, engineered & manufactured as per API, ASTM, BS & DIN std. in size ranging from 1/2" through 72" , and ANSI class 150lb through 2500lb. Material of Construction includes carbon steel, alloy steel, stainless steel, duplex stainless steel, nickel alloys etc.

Covering area: 65,000m<sup>2</sup>

Building area: 60,000m<sup>2</sup>

Employees: 250 People



## GLOBAL DISTRIBUTION •

### FOUNDRY

**Established in 2017**

**Investment amount: 20\$ million**

**Capacity: Investment Casting (600T/M),  
Sand Casting (900T/M)**

**Covering area: 47,000m<sup>2</sup>**

**Workshop: 35,000m<sup>2</sup>**

**Employees: 250 People**





## Part 02

# PRODUCTS

---

## PRODUCT RANGE

➤ **Wedge Gate Valves**  
150-300-600-900-1500-2500

➤ **Parallel Slide Gate Valves**  
300-600-900-1500-2500

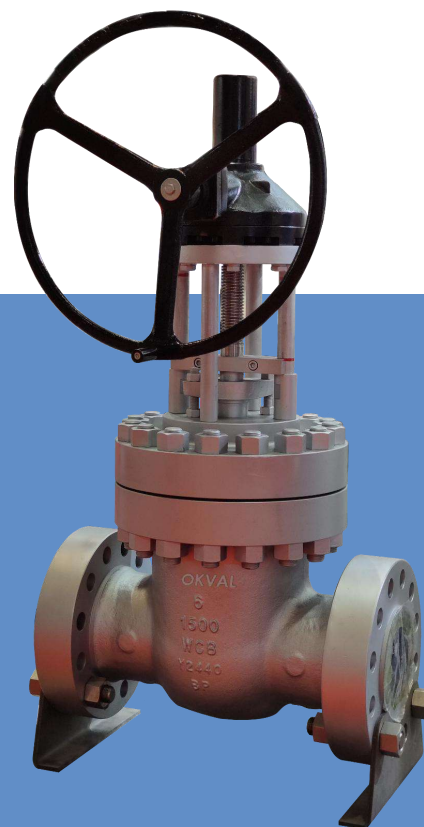
➤ **Pressure Seal Gate Valves**  
600-900-1500-2500

➤ **Through Conduit Gate Valves**  
150-300-600-900-1500

➤ **Cryogenic Gate Valves**  
150-300-600-900-1500

➤ **Main Design**  
API 600/API 603/API 6D/API 602  
/ASME B16.34

➤ **Maximum Size**  
60"



### Design Structure :

Maximum 350N operating force upon request

Cone-spherical contact between gland and gland flange for better alignment to avoid stem scratch

Body Joint Design per ASME BPVC VIII Div.1

Forged T-head Stem

Flexible wedge

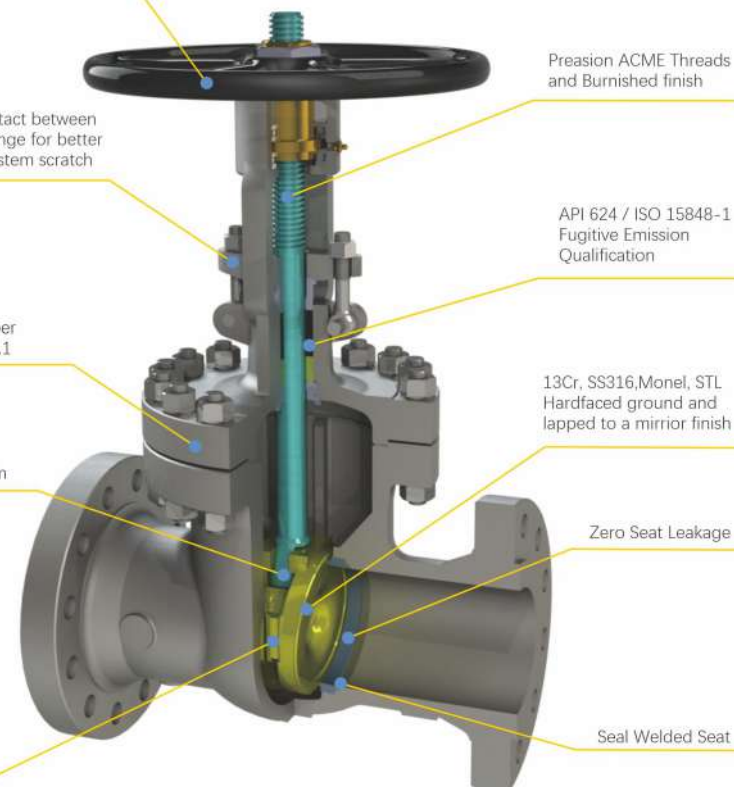
Preasion ACME Threads and Burnished finish

API 624 / ISO 15848-1 Fugitive Emission Qualification

13Cr, SS316, Monel, STL Hardfaced ground and lapped to a mirror finish

Zero Seat Leakage

Seal Welded Seat



**GATE  
VALVES**



## • PRODUCT RANGE



➤ **Globe Valves**  
150-300-600-900-1500-2500

➤ **Main Design**  
BS 1873/API 623/API 602/ASME B16.34

➤ **Stop-Check Globe Valves**  
150-300-600

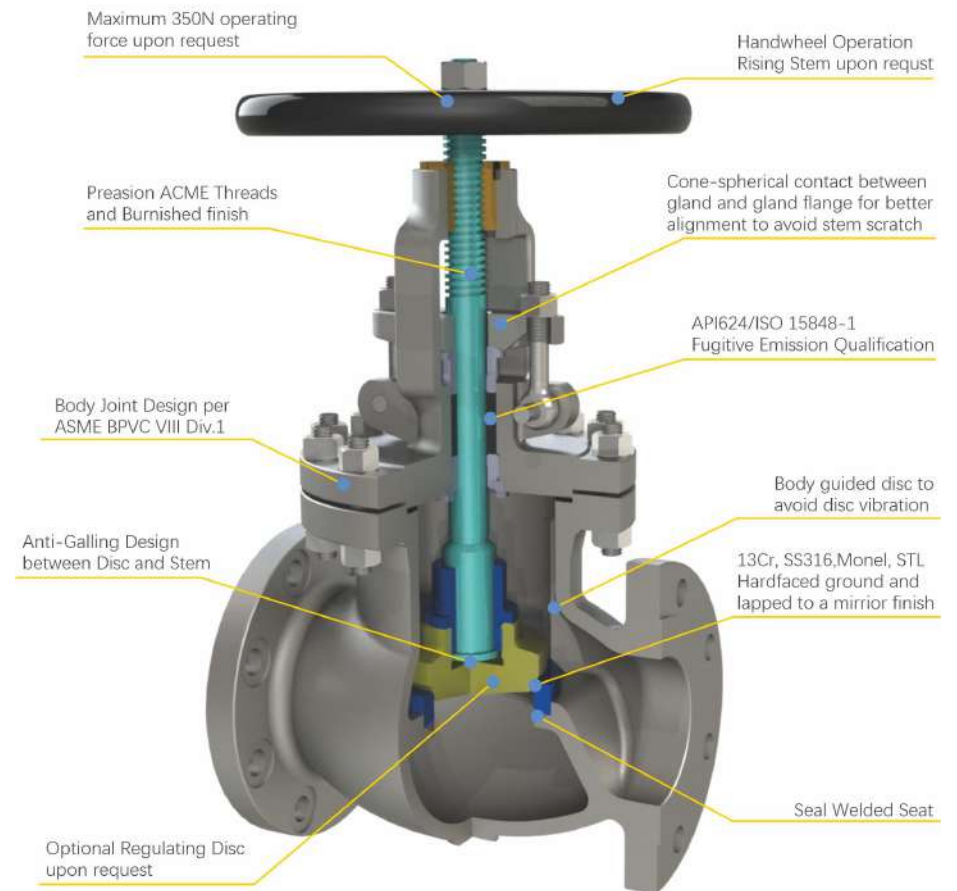
➤ **Maximum Size**  
24"

➤ **Press Seal Globe Valves**  
600-900-1500-2500

➤ **Cryogenic Globe Valves**  
150-300-600-900-1500



### Design Structure :



**GLOBE  
VALVES**

## PRODUCT RANGE

➤ **Swing Check Valves**  
150-300-600-900-1500-2500

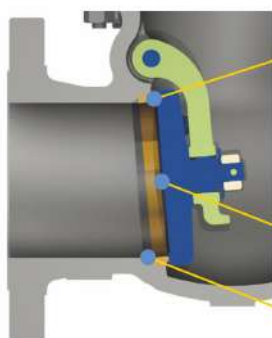
➤ **Lift Type Check Valves**  
150-300-600

➤ **Pressure Seal Bonnet Check Valves**  
600-900-1500-2500

➤ **Cryogenic Check Valves**  
150-300-600-900-1500-2500

➤ **Main Design**  
API 602/API 594/BS1868/ASME B16.34/MSS SP144

➤ **Maximum Size**  
48"



13Cr, SS316, Monel, STL  
Hardfaced ground and  
lapped to a mirror finish

Low Pressure Gas Test  
Upon Request

Seal Welded Seat



**Axial Check Valves**



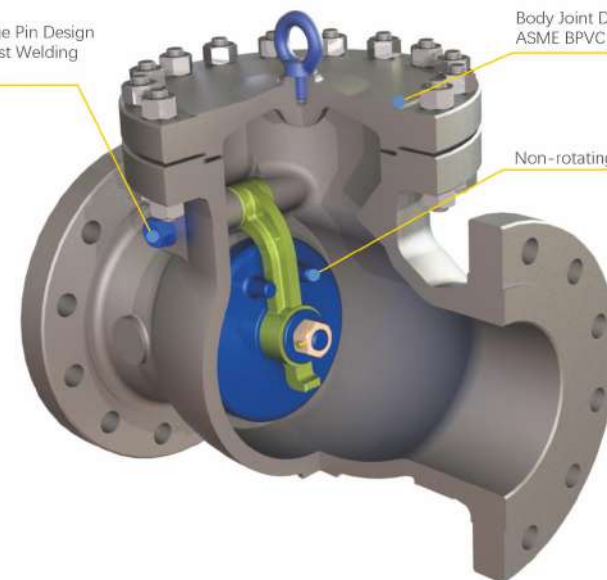
**Dual Plate Check Valves**

### Design Structure :

Internal Hinge Pin Design  
Upon Request Welding  
Is Available

Body Joint Design per  
ASME BPVC VIII Div.1

Non-rotating Disc



**CHECK  
VALVES**



## • PRODUCT RANGE



➤ **Trunnion Mounted Ball Valves**  
150-300-600-900-1500-2500

➤ **Fully Welded Trunnion Mounted Ball Valves**  
150-300-600-900-1500-2500

➤ **DBB Ball Valves**  
150-300-600-900-1500-2500

➤ **Floating Ball Valves**  
150-300-600-900-1500-2500

➤ **Cryogenic Ball Valves**  
150-300-600-900-1500

➤ **Main Design**  
API 6D/ISO 17292/API 608

➤ **Maximum Size**  
60"



DBB Ball Valves



Cryogenic Ball Valves



Fully Welded Ball Valves

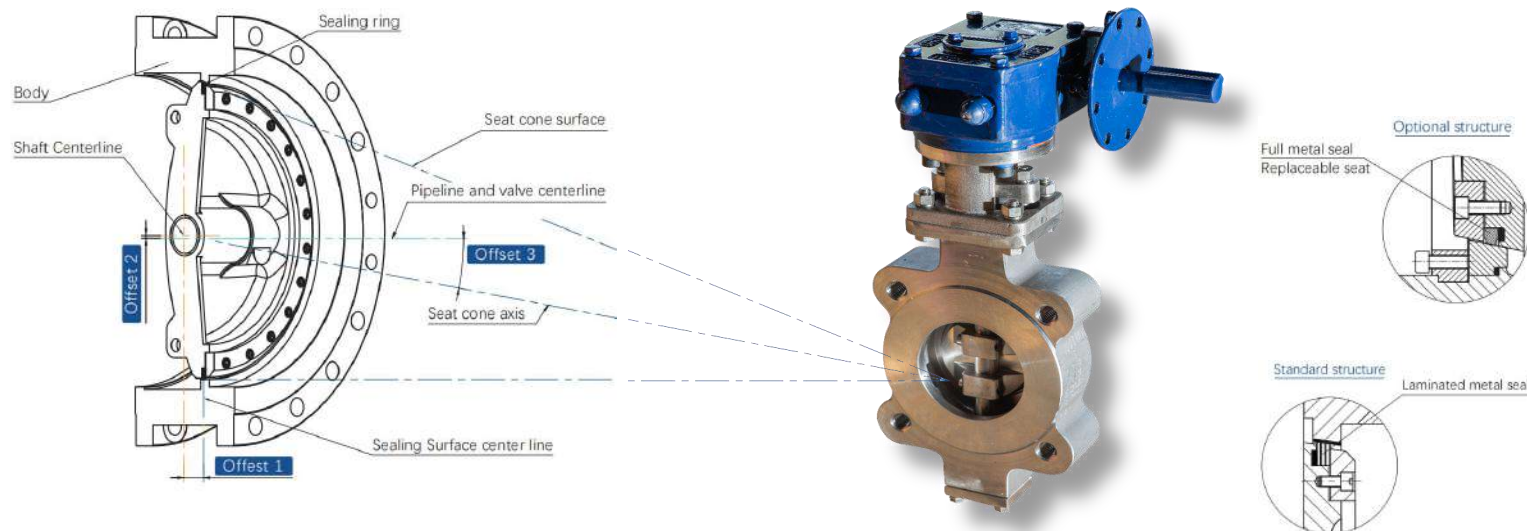


Top Entry Trunnion Mounted Balls



Actuated Ball Valves

## PRODUCT RANGE



- **Double Offset Butterfly Valves**  
150-300-600  
Water/Lug/Double Flange/  
Bi-directional Sealing
- **Triple Offset Butterfly Valves**  
150-300-600  
Water/Lug/Double Flange/  
Bi-directional Sealing
- **Main Design**  
API 609/ASME B16.34
- **Maximum Size**  
72"

### Butterfly Valves

## ★ Triple Offset Butterfly Valves

### Design Feature:

- High performance triple offset butterfly valves can meet the zero leakage in bi-directional.
- Triple offset completely eliminates the friction between the seat and sealing ring in 90° rotation.
- STL hard-face seat could be applied to various working conditions for long service life.
- One-piece cast body, face-to-face dimensions conforming to ASME B16.10 and API 609.
- Intrinsically fireproof thanks to all metal structure and leak-tight performance.
- Anti-blowout stem for high reliability, completely conforming to API 609.
- One-piece shaft structure, stem and disc jointed by key or pin-key combination.



## PRODUCT RANGE



### Pressure Balance Type Plug Valves

150-300-600-900-1500

### Sleeved Plug Valves

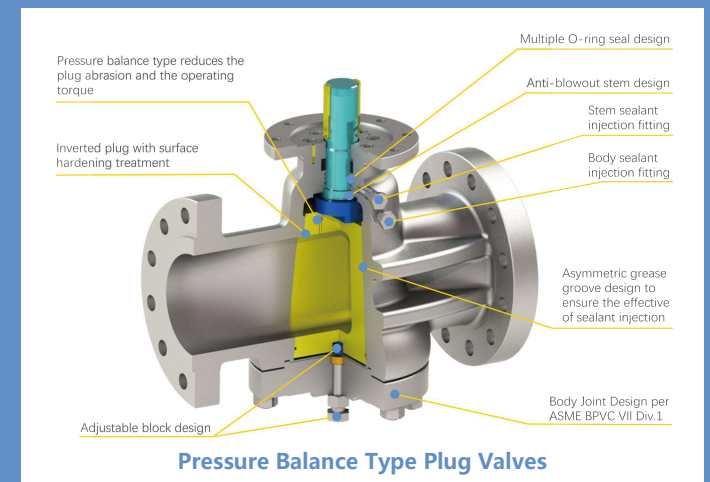
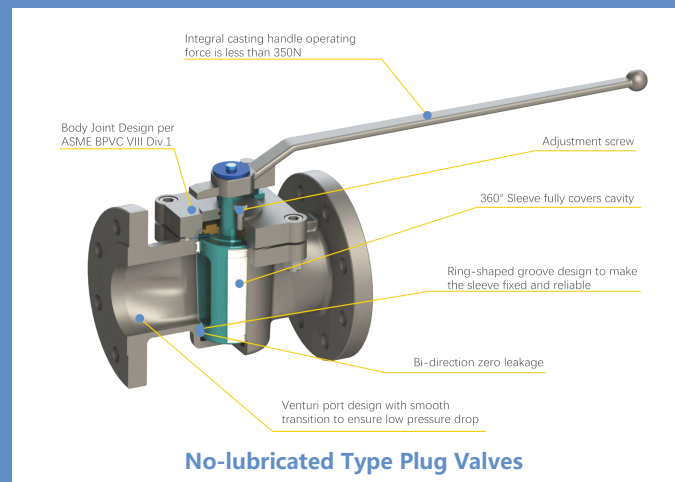
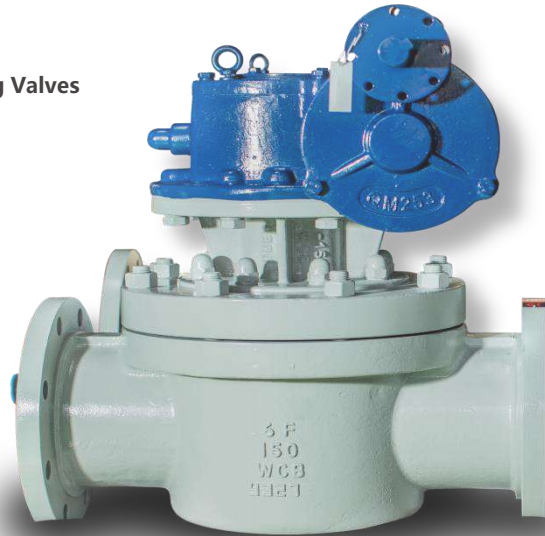
150-300-600

### Main Design

API 599

### Maximum Size

24"



# Part 03

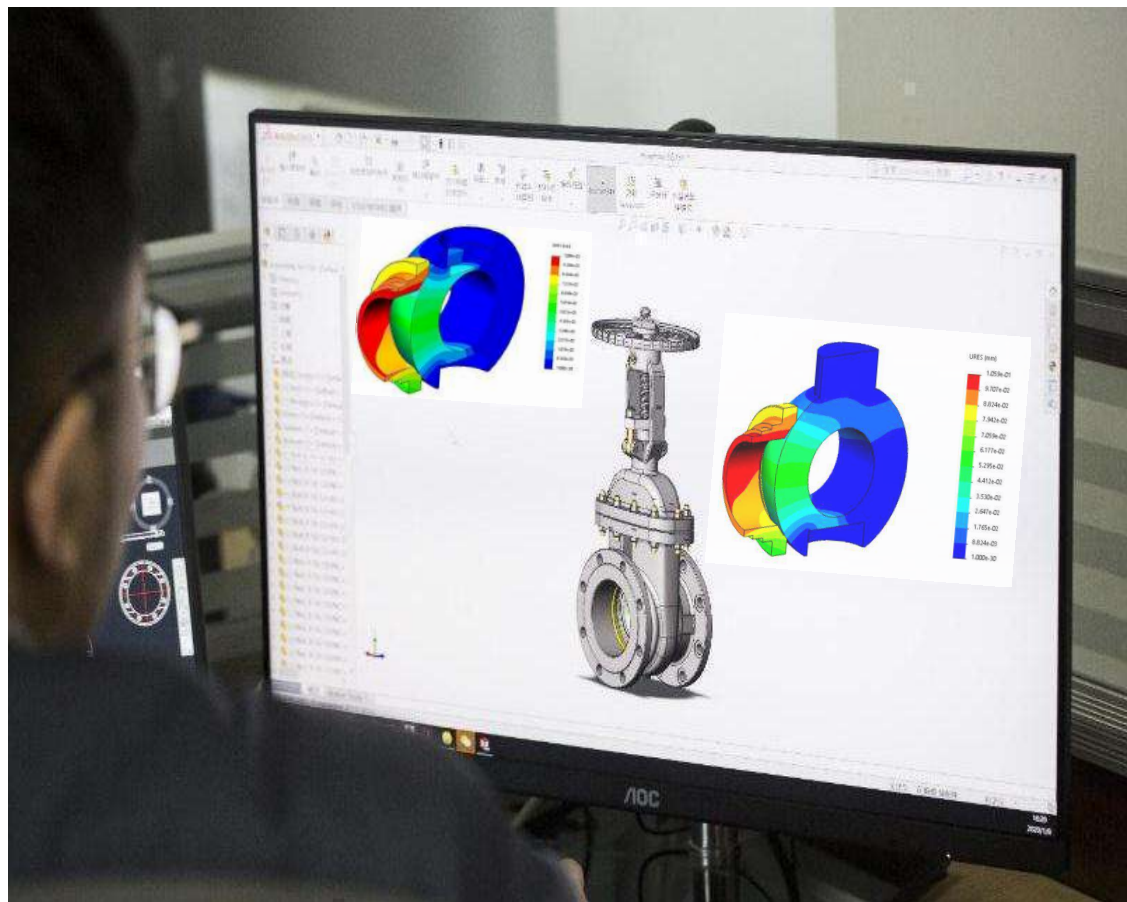
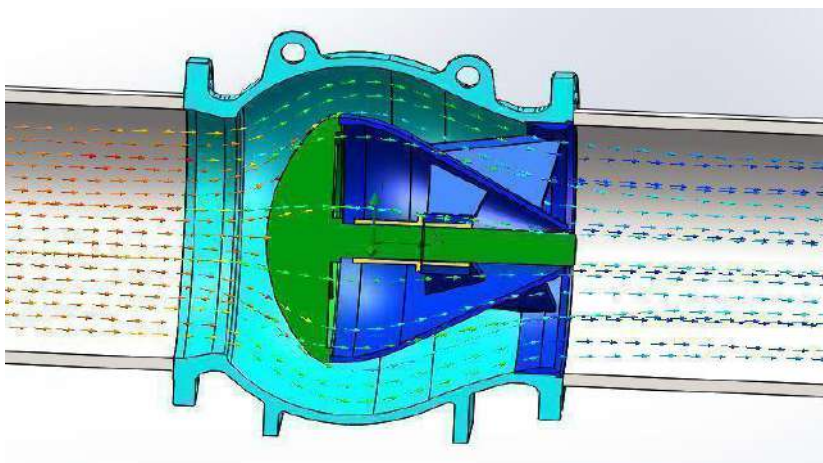
## R & D

---

■ Optimized product design by using FEA method

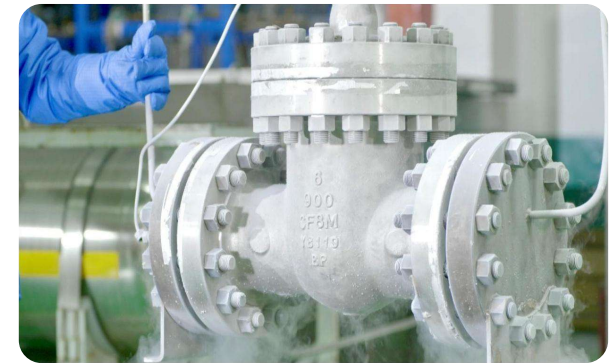
■ Design validation test:

-196~600°C of high temperature and cryogenic test,  
and life cycle test





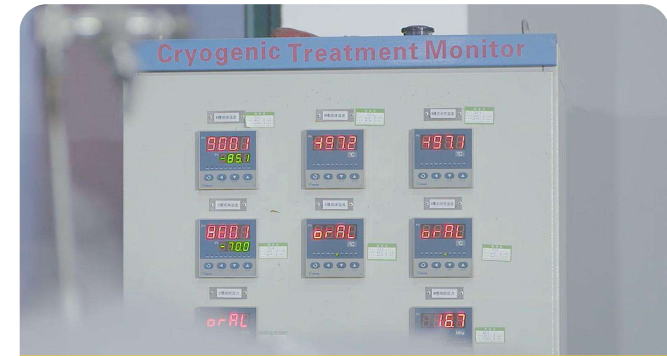
Cryogenic Processing



Cryogenic Test



Cryogenic Detection



Cryogenic Monitor

## Part 04

# PRODUCTION CAPACITY

---





MACHINING



CNC MACHINING



CNC LATHE



AUTOMATIC WELDING MACHINE



5M VERTICAL



PRODUCTION WORKSHOP



## • MAIN EQUIPMENTS



ERP system brings the real time production to high efficiency and enable us to ensure stable quality with on time delivery.



- 4M numerical control vertical lathe
- Gantry machining centers and other sets of machining centers
- 3.5M numerical control boring lathe
- Horizontal spindle surface grinding machine
- Auto welding equipment for overlay welding of disc & seat and joint welding between body & seat
- Ultrasonic cleaner
- Painting line etc



### INVESTMENT & SAND CASTINGS

- 01** Intelligent Heat Treat Furnace
- 02** Max One-piece Pouring: 10,000kg
- 03** Max Pouring Casting size: 72 "valve
- 04** Quickest lead time of cast valves: 45days





• **Nondestructive Test**



• **Fugitive Emission Test**



• **CMM**



• **Impact Test**

## ➤ **INSPECTION & TESTING FACILITIES**

OKAY VALVE is equipped with most advanced & extensive inspection & testing facilities which help to control each process from raw material to final product. These facilities enable us to do UT, PT, MT, RT, PMI, Impact Test, Tensile Test, Hardness Test, CMM, Cryogenic Test, Fugitive Emission Test, High Pressure Gas Test, Paint Thickness Test, Surface Roughness Test and Hydraulic & Pneumatic Test etc.



## Part 05

# QUALIFICATIONS / CERTIFICATES

---



## • QUALIFICATIONS / CERTIFICATES

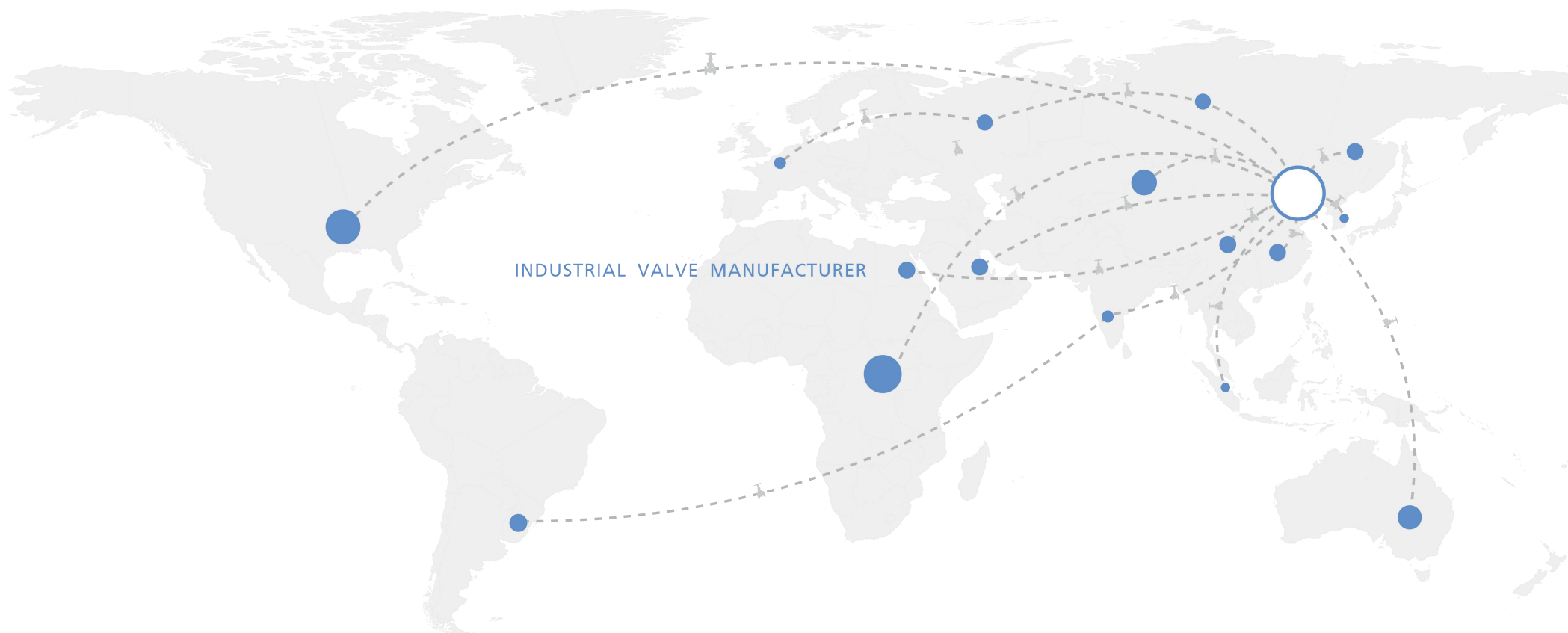


OKAY VALVE sets up QA system in strict accordance with the requirement of API Q1 & ISO 9001, and with an intension to provide the customers with zero defect valve, OKAY VALVE has already been certified by some international organization, such as ISO 9001, ISO 14001, ISO 45001, ISO 15848, API 600, API 603, API 6D, API 624, API 607, API 6FA, API 591, API 20A, CE/PED, TS, SIL, MESC SPE 77/300.



## 00 CUSTOMERS AND APPROVALS





INDUSTRIAL VALVE MANUFACTURER

## MT OKAY VALVE CO.,LTD.

Add: No.89 Xikang South Road, Dafeng Economic  
Development Zone, Yancheng City, Jiangsu Province

Tel: +86-515-6885 8629

Fax: +86-515-6885 8608

E-mail: [okay@okayval.com](mailto:okay@okayval.com)

Web: [www.okayval.com](http://www.okayval.com)

