



Yuanda Valve Group Co., Ltd.







Ball and Butterfly Valve Factory

GGC  
Machining Area

GGC  
Casting Area

Casting Area  
(Cast Iron)

Office Area

Emergency  
Refuge

CNAS  
Laboratory

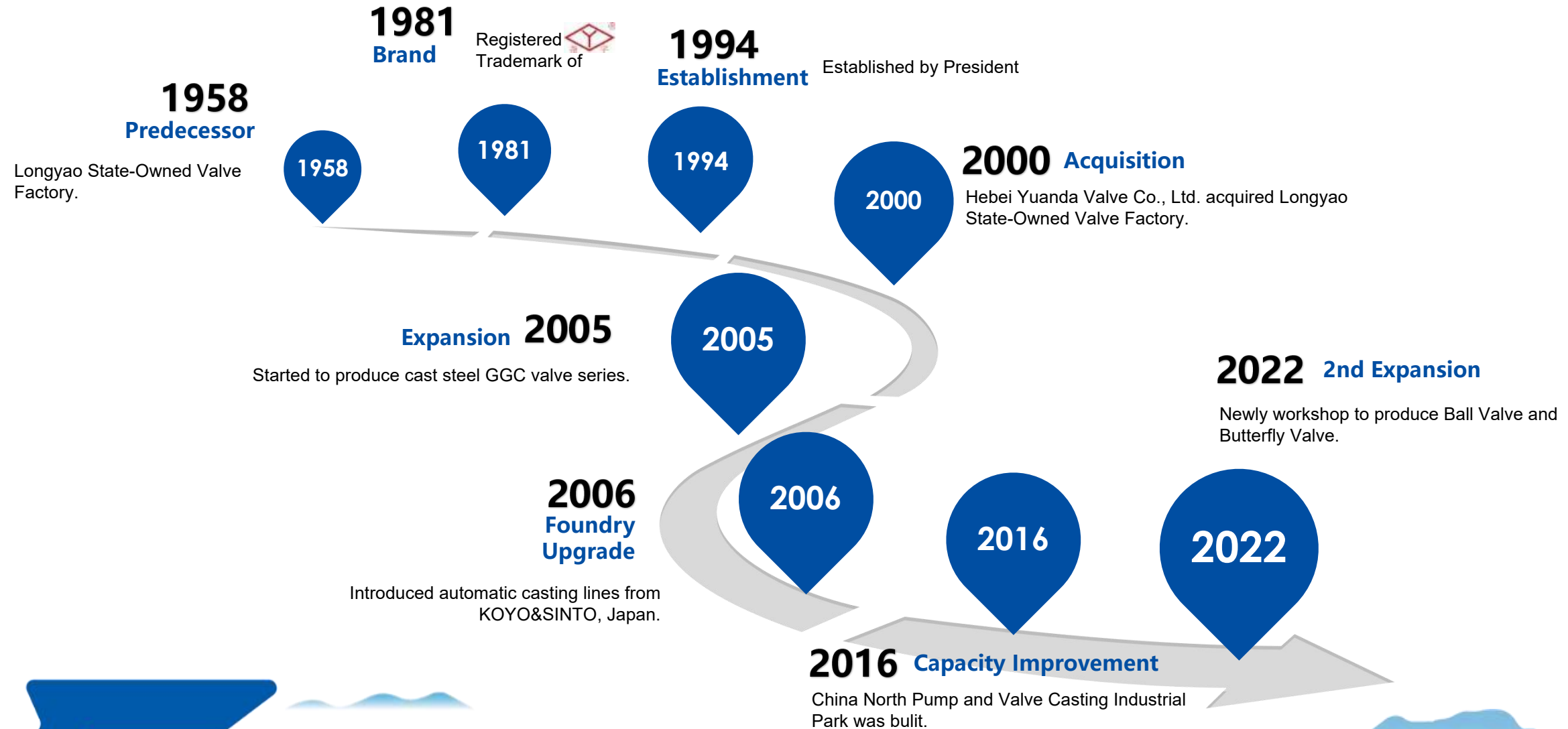
# CONTENT

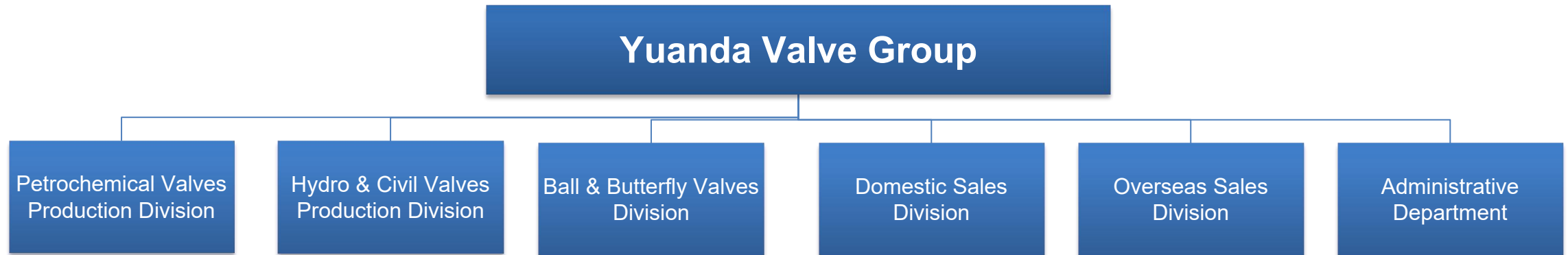
## 目 录

- 01. OVERVIEW OF YUANDA**
- 02. MANUFACTURING CAPACITY**
- 03. PRODUCT RANGE**
- 04. CERTIFICATIONS**
- 05. SOCIAL RESPONSIBILITY**



# 01. OVERVIEW OF YUANDA







2-Hour trip to Shanghai by flight



2-Hour trip to Beijing by train



4-Hour trip to Tianjin Harbour by truck





**930,000 m<sup>2</sup>**



**3244 Employees**



**300 million USD**



**65 Workshops**



**3000+ Equipments**

- 198 Technicians
- 235 Quality inspectors
- 18 Senior engineers
- 76 Engineer

● Sales Amount 300 million USD

- 15 Casting Workshops
- 26 Machining Workshops

- 732 Foundry equipments
- 2809 Machining equipments
- 140 Inspection equipments

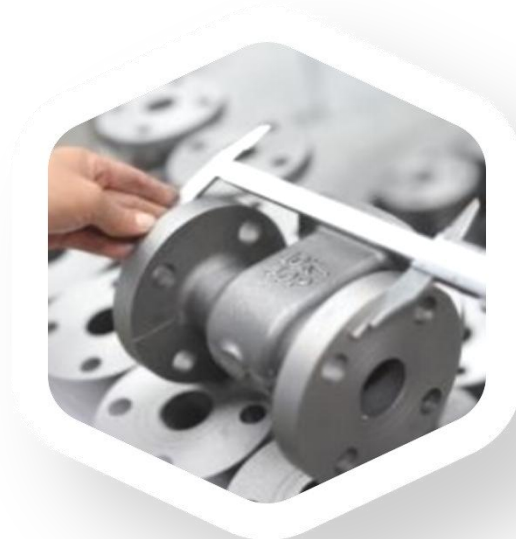






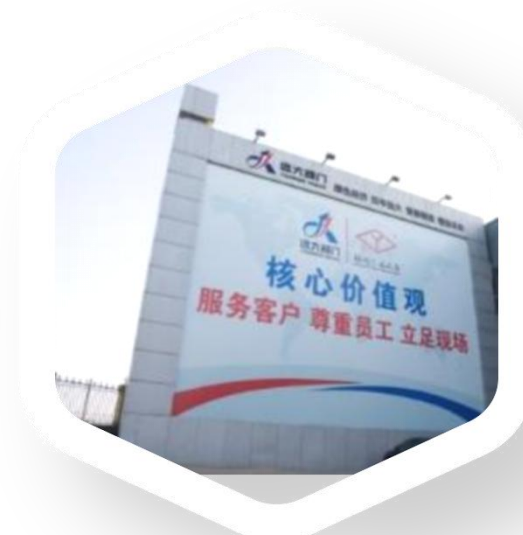
## Vision

Be a first-class valve manufacturer



## Mission

Create value for clients,  
Create opportunities for  
employees  
Create wealth for society



## Values

Serve clients  
Respect employees  
Grounded on site

## 02. MANUFACTURING CAPACITY

- R & D CAPACITY
- FOUNDRY
- MACHINING
- INVENTORY CAPACITY
- CNAS-ACCREDITED LABORATORY
- PROCESS QUALITY CONTROL







24 Invention patents

123 Utility model patents

10 Appearance patents

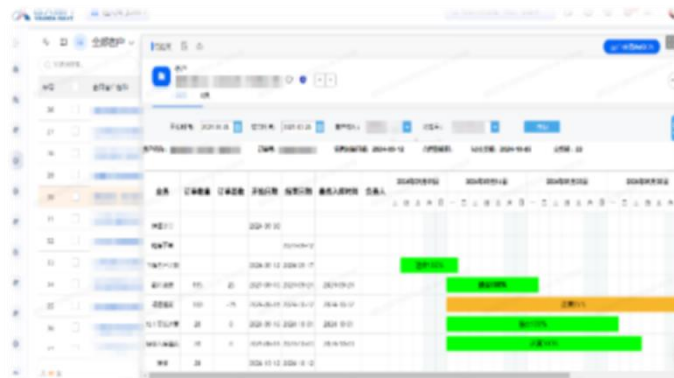


24 Valve industry standards (Participate in editing)

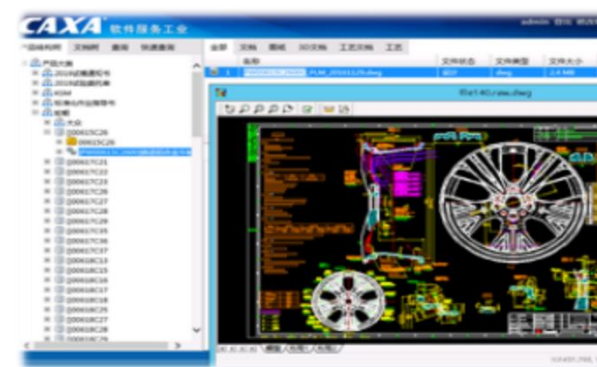
8 Valve industry standards (Drafting)



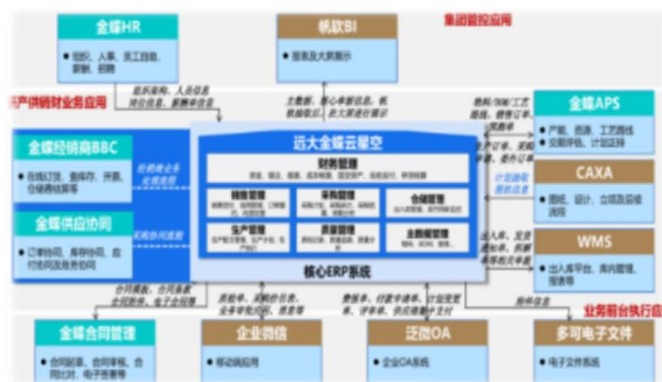
E-Commerce Platform System(BBC)



Customer Relationship Management (CRM)



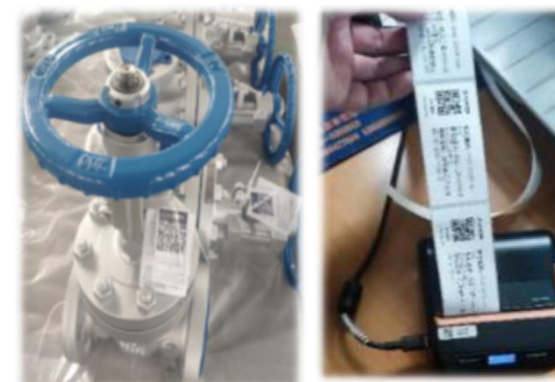
Product Lifecycle Management(PLM)



Enterprise Resource Planning(ERP)



Manufacturing Execution System(MES)



Warehouse Management System(WMS)





4 Full-Automatic Casting Lines

7 Semi-Automatic Casting Lines

1 Full-Automatic Forging Line

1 Full-automatic Painting Line



### 7 Casting Processes

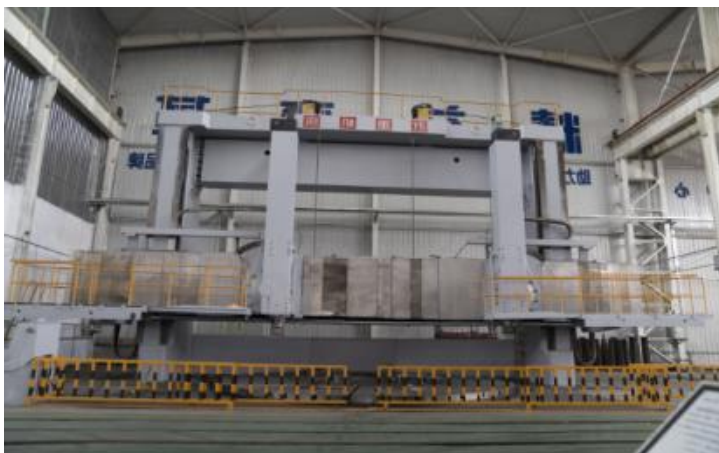
30+ Material: Iron, WCB, LC1, CF8, 4A, 5A, 904L, C5, CA15, CG8M etc.

Max Size: 160"(DN4000)





- Largest machining equipment is 10-meter vertical lathe.
- The accuracy of the equipment can be controlled within 0.2-0.3mm.
- The daily production capacity of large-diameter products is more than 30 sets, which guarantee for the delivery and quality of large-scale projects.





6 Finished Product Warehouses

8 Parts Warehouses

Finished products maintaining a year-round inventory of **28 million** USD.



YUANDA VALVE CNAS laboratory invested more than 3 millions dollars,has obtained CNAS (ISO17025) laboratory qualification.It has 170 sets of testing equipment,five qualification certificates related to pressure test, impact test and metallographic test, and 156 testing capabilities.







CNAS-Accredited Laboratory



Cryogenic test



Micro-leakage test



Fire Safty Test



Life Test



RT



Salt mist test



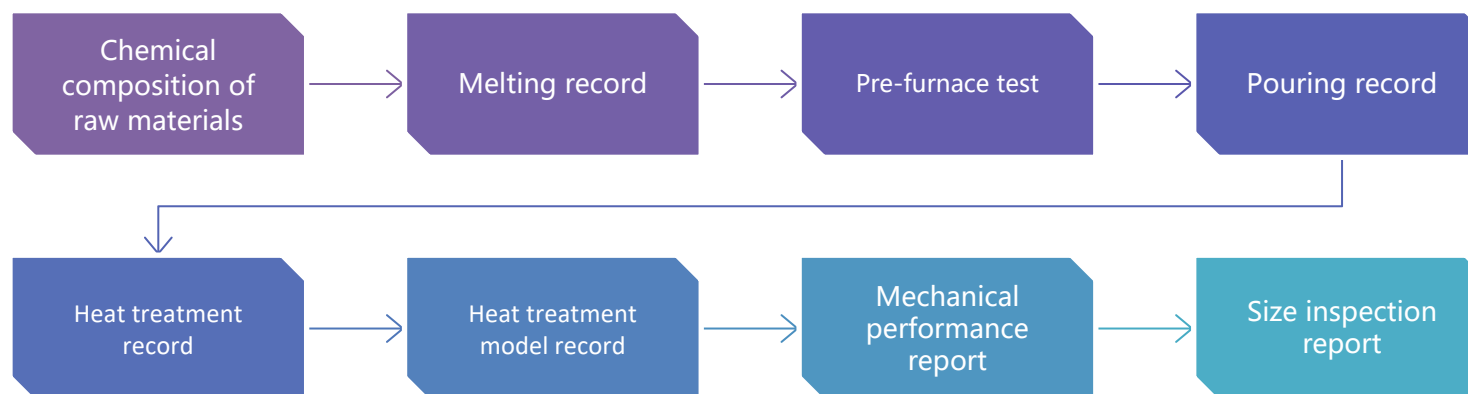
Mechanics laboratory




Metallograph



During the casting process, from the raw material entering the factory to the final casting, each process has a full-time inspection and a complete record file.



The whole production process use  
Process Flow Card to ensure the  
production quality of each process

 尧 字	<b>No.1 API Products Workshop Process Flow Card (Installation)</b>								<b>No.: HG/GY-0125-A</b>		
											<b>Serial No.: MB012025-01-16</b>
Document No.	MO1632610		Material Name		Z41Y-600LB (C5)-3 inches (F316 rod, RF face, oval middle mouth pad, micro leakage)				Plan Quantity		14
Material	C5			Drawing No.		API (B) Z40-600LB-3 ". 00T					
Material Code	/		Customer Name		Sinopec Guangzhou Project		Demand Document		XSDD466204		
Production workshop	American Standard Workshop 1			Date		25.1.15		Planned Completi		25.1.15	
Batch	1			Quantity		14					
Production process	Planned start time	Completion time	Received quantity	Quantity eligible	Number of rejects	Reason for non-conformity	Disposal of non-conformin	Operator	Inspected by	Remark	
Install	25.1.15	25.1.15	14	14				Zhang Jianxiong	Zhang Xiaorui		
Pressure test	25.1.15	25.1.15	14	14				Ma Bingjie			
Be put in storage		1.16	14	14				Ma Xiuqun	He Yun Qiao		
Remark											

Director: Zhang Wenliang

Print: Zhang Wenliang

Each product has a unique serial number, which is the identity code of the product. During the test, we can record the furnace number of the valve body, bonnet, and disc etc. It can ensure the quality traceability.

[illegible]

装配车间主任签字 Assembly Supervisor: 李育恒 日期 Date: 2016.12.25 检验员签字 Inspector: 贾丽芳 日期 Date: 2016.12.25

质量经理签字Quality Manager: 路新强 日期 Date: 2016.12.25

说明: ①阀门泄漏或扭矩超时请试压者填写报告; ②在合格的项目下划“√”, 不合格的划“×”。

Note: ①To fill in this report when valve leakage or torque exceeded, ② Tick "✓" for the good products, the unqualified "×".

# 03. PRODUCT RANGE



pressure Size Product	150LB	300LB	600LB	900LB	1500LB	2500LB
GATE 闸阀	2"-60"	2"-36"	2"-24"	2"-20"	2"-18"	2"-18"
GLOBE 截止阀	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"
CHECK 止回阀	2"-24"	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"

Unit: inch

pressure Size Product	PN16	PN40	PN100	PN150	PN250	PN420
GATE 闸阀	50~1500	50~900	50~600	50~500	50~450	50~450
GLOBE 截止阀	50~300	50~300	50~300	50~300	50~300	50~300
CHECK 止回阀	50~600	50~300	50~300	50~300	50~300	50~300

Unit:mm

pressure Size Product	150LB	300LB	600LB	800LB	1500LB	2500LB
承插闸阀 Socket End Gate Valve	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"
整体锻法兰闸阀 Forged Steel Flanged Gate Valve	1/2"-2"	1/2"-2"	1/2"-2"		1/2"-2"	1/2"-2"
分锻法兰闸阀 Welded Flanged Forged Steel Gate Valve	1/2"-2"	1/2"-2"				

Unit: inch

pressure Size Product	PN16	PN25	PN40	PN63	PN100
承插闸阀 Socket End Gate Valve	15~50	15~50	15~50	15~50	15~50
整体锻法兰闸阀 Forged Steel Flanged Gate Valve	15~50	15~50	15~50	15~50	15~50
分锻法兰闸阀 Welded Flanged Forged Steel Gate Valve	15~50	15~50	15~50	15~50	15~50

Unit:mm

pressure Size Product	150LB	300LB	600LB	800LB	1500LB	2500LB
承插截止阀 Socket End Globe Valve	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"
整体锻法兰截止阀 Forged Steel Flanged Globe Valve	1/2"-2"	1/2"-2"	1/2"-2"		1/2"-2"	1/2"-2"
分段法兰截止阀 Welded Flanged Forged Steel Globe Valve	1/2"-2"	1/2"-2"				

Unit: inch

pressure Size Product	PN16	PN25	PN40	PN63	PN100
承插截止阀 Socket End Globe Valve	15~50	15~50	15~50	15~50	15~50
整体锻法兰截止阀 Forged Steel Flanged Globe Valve	15~50	15~50	15~50	15~50	15~50
分段法兰截止阀 Welded Flanged Forged Steel Globe Valve	15~50	15~50	15~50	15~50	15~50

Unit:mm



pressure Size Product	150LB	300LB	600LB	800LB	1500LB	2500LB
承插止回阀 Socket End Check Valve	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"	1/2"-2"
整体锻法兰止回阀 Forged Steel Flanged Check Valve	1/2"-2"	1/2"-2"	1/2"-2"		1/2"-2"	1/2"-2"
分段法兰止回阀 Welded Flanged Forged Steel Check Valve	1/2"-2"	1/2"-2"				

Unit: inch

pressure Size Product	PN16	PN25	PN40	PN63	PN100
承插止回阀 Socket End Check Valve	15~50	15~50	15~50	15~50	15~50
整体锻法兰止回阀 Forged Steel Flanged Check Valve	15~50	15~50	15~50	15~50	
分段法兰止回阀 Welded Flanged Forged Steel Check Valve	15~50	15~50	15~50	15~50	15~50

Unit:mm

pressure Size Product	150LB PN16	300LB PN40	600LB PN100	900LB PN150	1500LB PN250	2500LB PN420
锻钢固定球阀 Trunnion Ball Valve	2"-56" 50~1400	2"-56" 50~1400	2"-56" 50~1400	2"-36" 50~900	2"-24" 50~600	2"-10" 50~250
锻钢焊接固定球阀 Welded Trunnion Ball Valve	2"-56" 50~1400	2"-56" 50~1400	2"-56" 50~1400	2"-36" 50~900	2"-24" 50~600	2"-10" 50~250

Unit:inch  
mm

Item	英寸	1 1/2"	2"	2.5"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	32"	36"	40"	48"	56"	64"	72"	80"	88"	96"	104"	112"	120"	128"	136"	144"	152"	160"
	DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
Metal Sealed Rising Stem Gate Valve	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
Metal Sealed Non-rising Stem Gate Valve	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓												
	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓												
Soft Sealed Rising Stem Gate Valve	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																								
	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																								
	25																																		
Soft Sealed Non-rising Stem Gate Valve	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓														
	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
	25	✓	✓	✓	✓	✓	✓	✓	✓																										
Socket End Resilient Seated Gate Valve	10		✓	✓	✓	✓	✓	✓	✓	✓	✓																								
	16		✓	✓	✓	✓	✓	✓	✓	✓	✓																								
Concentric Butterfly Valve	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																		
	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																		
Double Eccentric Butterfly Valve	10								✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	16								✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓															
Wafer Type Butterfly Valve	10		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																		
	16		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																		
Socket End Butterfly Valve	10				✓	✓	✓	✓	✓																										
	16				✓	✓	✓	✓	✓																										
Vertical Hemispherical Valve	10			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
	16			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											

 Unit: inch  
 mm



Item	Inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2.5"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	32"	36"	40"	48"	56"	64"	72"	80"	88"
	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200
Horizontal Hemispherical Valve	10																					√								√
	16																					√								√
Regulating Valve	10														√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
	16														√	√	√	√	√	√	√	√	√	√	√	√	√	√		
Gas Valve	1															√	√	√	√	√	√	√	√	√	√	√	√	√		
	2															√	√	√	√	√	√	√	√	√	√	√	√	√		
	6																										√	√		
Air Release Valve	10						√	√	√	√	√	√	√	√																
	16						√	√	√	√	√	√	√	√																
Hydraulic Valve	10						√	√	√	√	√	√	√	√																
	16						√	√	√	√	√	√	√	√																
Water Pump Control Valve	10						√	√	√	√	√	√	√	√	√	√	√	√	√	√										
	16						√	√	√	√	√	√	√	√	√	√	√	√	√	√										
Ball Valve	10	√	√	√	√	√	√	√	√	√	√	√	√																	
	16	√	√	√	√	√	√	√	√	√	√	√	√																	
Globe Valve	10	√	√	√	√	√	√	√	√	√	√	√	√																	
	16	√	√	√	√	√	√	√	√	√	√	√	√																	
Strainer	10	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√												
	16	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√												
Check Valve	10					√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√									
	16					√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√									

 Unit:inch  
mm

Item	PN	Size		Item	PN	Size	
		1/2"-1" (DN15-25)	1 1/4"-2" (DN20-50)			1/2"-1" (DN15-25)	1 1/4"-2" (DN20-50)
Thread Gate Valve	10	√	√	Locking Filter Ball Valve	10	√	√
	16	√	√		16	√	√
Threaded Security Gate Valve	10	√	√	Thread Filter Ball Valve	10	√	√
	16	√	√		16	√	√
Threaded Water Meter Gate Valve	10	√		Three Way Ball Valve	10	√	
	16	√			16	√	
Threaded Globe Valve	10	√	√	Vertical Check Valve	10	√	√
	16	√	√		16	√	√
Threaded Full Bore Ball Valve	10	√	√	Brass Water Meter Check Valve	10	√	
	16	√	√		16	√	
Threaded Internal Locking Ball Valve	10	√		Thread Balance Valve	10	√	√
	16	√			16	√	√
丝扣锁闭球阀 Threaded Locking Ball Valve	10	√	√	Threaded Air Release Valve	10	√	√
	16	√	√		16	√	√
Union Ball Valve	10	√		Threaded Regulating Valve	10	√	√
	16	√			16	√	√
PPR Double Connection Ball Valve	10	√		Temperature Control Valve	10	√	
	16	√			16	√	
Threaded Y-strainer	10	√	√	Pressure Reducing Valve	10	√	√
	16	√	√		16	√	√
Magnetic Lock Filter Ball Valve	10	√	√	Threaded Regulating Valve	10	√	√
	16	√	√		16	√	√

 Unit: inch  
 mm



## Civil and hydro



Water Transfer



Water Supply



Sewage Treatment



Irrigation Industry



Seawater Desalination



## Petrochemical



Offshore Engineering



Petro-chemical



Natural gas/light Hydrocarbon Chemical



Coal Chemical



## New Eneygy



Nuclear Power



Hydrogen Energy



Polysilicon



No one can cover 100% products, but we could cover 80%-90% of your PO, the rest we could offer solutions to meet your demand.



## One-stop Valve Manufacturer Solution

# 04. CERTIFICATIONS

H u n r e d s o f Y u a n d a , L e a n F u t u r e



No.	Certificates
1	API Q1-QMS Certificate
2	PED Certificate
3	EAC Certificate
4	FM/UL Certificate
5	API 600 Certificate
6	API 623 Certificate
7	API 608 Certificate
8	API 6D Certificate
9	API 594 Certificate
10	API 602 Certificate
11	API 624 Certificate
12	ISO 15848 Certificate
13	API 607 Certificate
14	API 609 Certificate
15	API 6Fa Certificate
16	CNAS Laboratory Accreditation Certificate

No.	Certificates
17	SIL3 Certificate
18	GSK Certificate
19	WRAS Certificate
20	USA-NSF Certificate(Lead Free Plumbing Products)
21	WaterMark Certificate
22	ACS Certificate
23	ISO45001:2018-OHSMS Certificate
24	DNV Certificate
25	Lloyd's Certificate
26	ISO 14001:2015-EMS Certificate
27	DIN Certificate
28	BS Certificate
29	ISO9001:2015-QMS Certificate
30	KS Certificate
31	JIS Certificate







### 水利 WATER CONSERVANCY



### 油化工 OIL AND CHEMICAL INDUSTRY



### 煤化工 COAL CHEMICAL INDUSTRY



### 新领域 NEW TERRITORY



### 其他领域 OTHER AREAS



We provide the fastest and best service.

When receive the feedback,we will reply in 2  
hours and provide solutions in 24 hours.





# 05. SOCIAL RESPONSIBILITY

H u n d r e d s o f Y u a n d a , L e a n F u t u r e





- 1.No A,B level accidents have occurred within the past 12 years.
2. Conduct safety education for all employees before starting work.



Spray paint treatment-adopt the most advanced VOCs treatment in China



The world's most advanced electric furnace is used for smelting-INDUCTOTHERM steel shell coreless induction electric furnace



Gas Fired Boiler-the first to use low-nitrogen burners, ultra-low exhaust gas emissions



Installation of online exhaust gas monitoring equipment



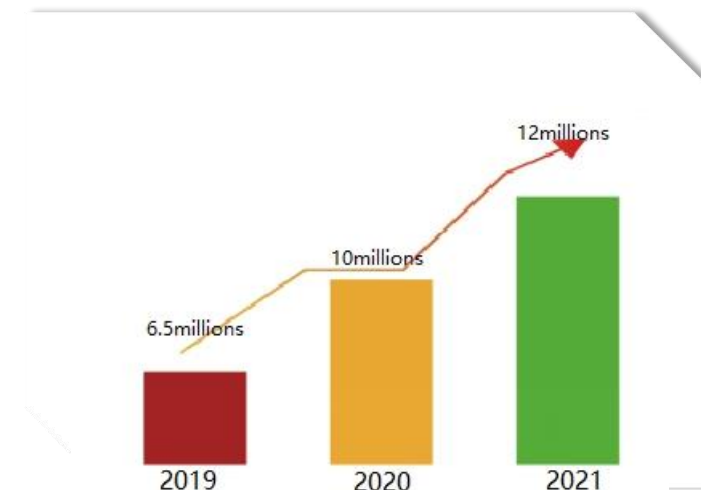




The environmental protection investment budget has been increasing year by year, and the environmental management efforts have been continuously improved, which has been recognized by the government.

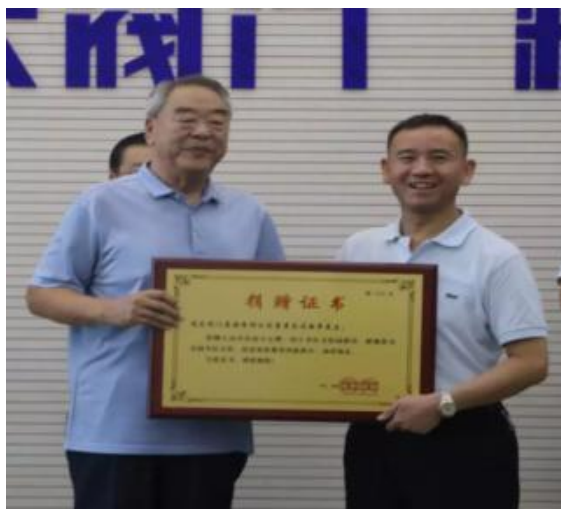


The environmental governance work of YUANDA has been recognized and praised by China Foundry Association and Hebei Foundry Association.



YUANDA invested 28.5 millions dollars in environmental control from 2019.

### The Cultural Park of the Li Surname



Invest 500,000 yuan in the construction of the Cultural Park of the Li Surname

### Construction of natural ecology



Address climate change and pay attention to environmental improvement. YUANDA insists on investing funds and manpower to donate 1 million yuan for afforestation projects in "YAO mountain" to green their homes.

### Combat natural disasters



Take responsibility for large enterprises, take the initiative to take responsibility for reconstruction in the face of natural disasters, and donate money and materials in the Wenchuan earthquake, the COVID-19 epidemic and the flood in Longyao County.





选择 远大 选择 放心

Yuanda Valve, Your Most Reliable Partner!