

# CHALLENGER GL CO., LTD

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## Professional Valves Manufacturer

Ball Valves, Gate Valves, Plug valves, Butterfly Valves, Control Valve, Safety Valve



**About us**

Professional Valves Manufacturer

**Factory show**

310 employees , including 20 engineers

**Company advantages**

Full range of product categories

**Products & Presentation**

Ball Valves, Gate Valves, Plug valves, Butterfly Valves

**Principal market**

For overseas countries

**Sales Reference list**

Total Annual Turnover: USD 40 million

1.

# About us

Flow Control Solution Provider

## 01 About us

- We are a professional industrial valves manufacturer in Wenzhou, China, focus on supplying integrated solutions for industrial valves which are applied broadly in petroleum, chemical, metallurgical and power generation industries.
- We are a joint-venture marketing company established by the owners of three valves factories. So we have our own production bases, one factory is focus on ball valves and API 6A valves, one is focus on butterfly valve gate valve, globe valves, check valves and knife gate valves, and the other one is focus on plug valves and pressure relief valve. Our philosophy is to add value to our customers, so we are striving to offer better products and services to our customer to achieve win-win situation.
- We launched our quality management as ISO 9001, and awarded API 6D, API 600, API 607, CE/PED approvals for the products .And we are making continuous improvement on our product performance and quality control all the time.

# 01 About us

CHALLENGER GL



## ● Annual Output

Ten Thousand tons.

## ● Number Of Employees

200 employees, including 20 engineers

# Mission & Vision

## **Mission**

Our Mission is to set the very highest standards of service delivery in all aspects of our business. We put our customers at the very heart of our activities and constantly give challenge to our self to provide best of the quality product and services to clients and principals.

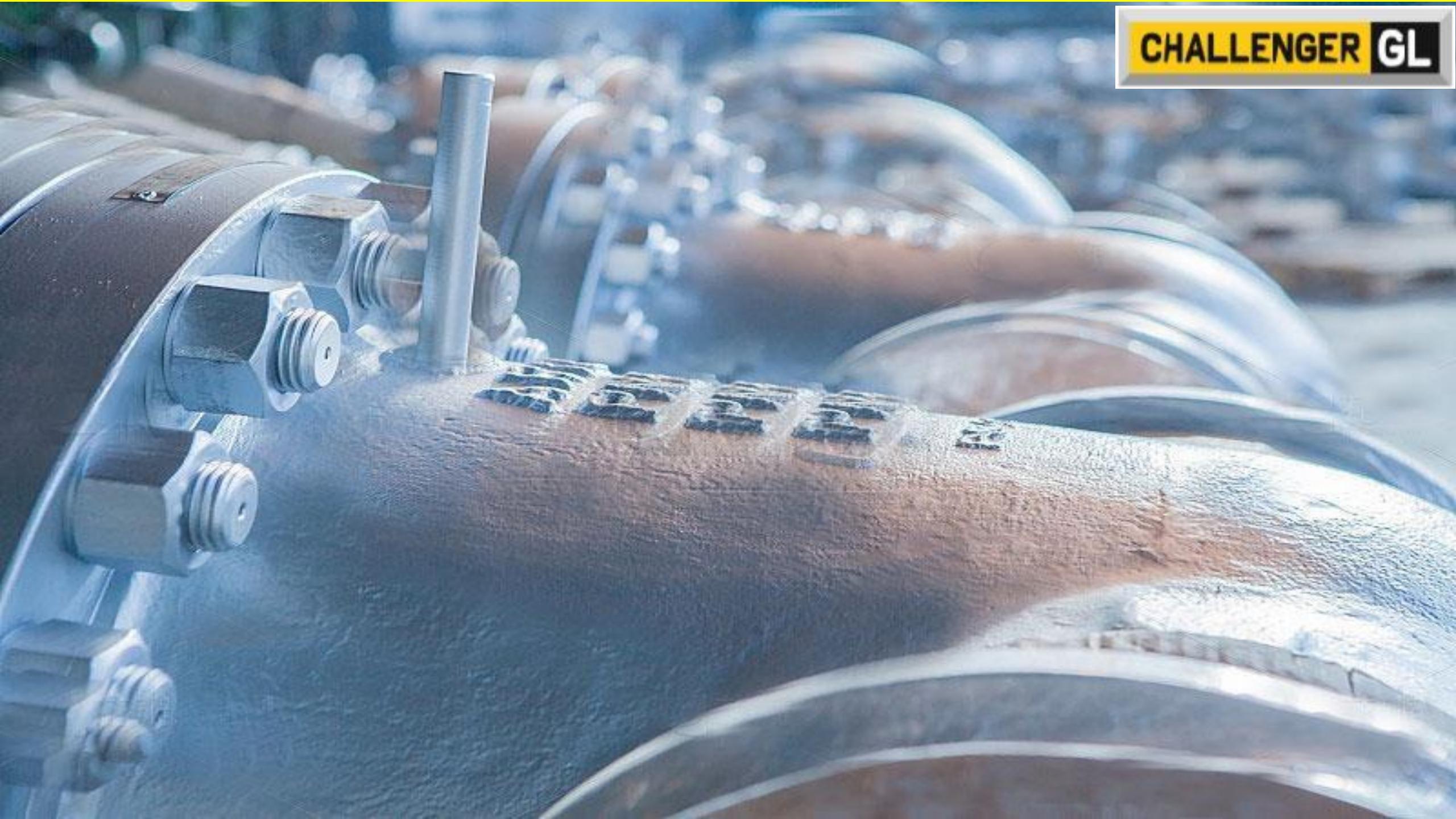
# Mission & Vision

## Vision

Leading manufacturer in the fluid equipment industry.

Specialist in supplying chain management.

CHALLENGER GL



CHALLENGER GL



Process Ability:  
Size up to 56",  
Rating up to 2500Lb

3.

CHALLENGER GL

## Factory show

We have been exporting lots of these valves to Middle East, Europe, Latin America, South Africa and Algeria.



## 03 Factory show

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# 03 Factory show

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## Gate&Globe&Check Valve&Ball Valves



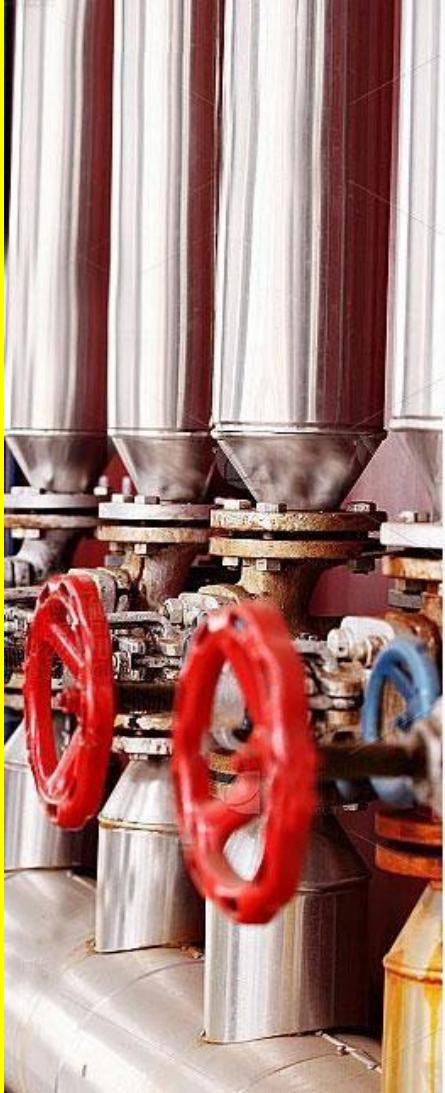
# 4.

## Company advantages

More than 30 years experience in valves industry  
Several overseas sales branches Full range of  
product categories

## Our Company advantages

Reliable suppliers for tubes and fittings



More than **30 years**  
experience in valves industry

Several overseas sales  
**branches**

Full range of  
**product**  
categories

Three Own Factories

Independent inspection  
**team**

**Own foundry**



5.

## Products Presentation

Gate&Globe&Check Valve&Ball Valves



Presentation for

Ball Valves

# Process Ball Valves

- Ball Valve Series:
- Side Entry Ball Valve
- Top Entry Ball Valve
- Full Welding Ball Valve
- DBB Ball Valve



# Ball Valves RANGE OF PRODUCTION

API 6D / API 6DSS / API 6A

SPECIAL

Trunnion, Floating BALL VALVES

DBB , Top Entry, Fully Welded

## OPERATOR

- MANUAL
- ELECTRIC
- HYDRAULIC
- PNEUMATIC
- ROV

# Ball Valves Product Range

CHALLENGER GL

	SIZE/CLASS											
	$\frac{1}{2}''$	$1\frac{1}{2}''$	2"	4"	6"	8"	10"	12" – 22"	24"	36"	40"	56"
#150	←	→					←	→				
#300	←	→					←	→				
#600	←	→					←	→				
#900	←	→					←	→				
#1500	←	→					←	→				
#2500	←	→					←	→				

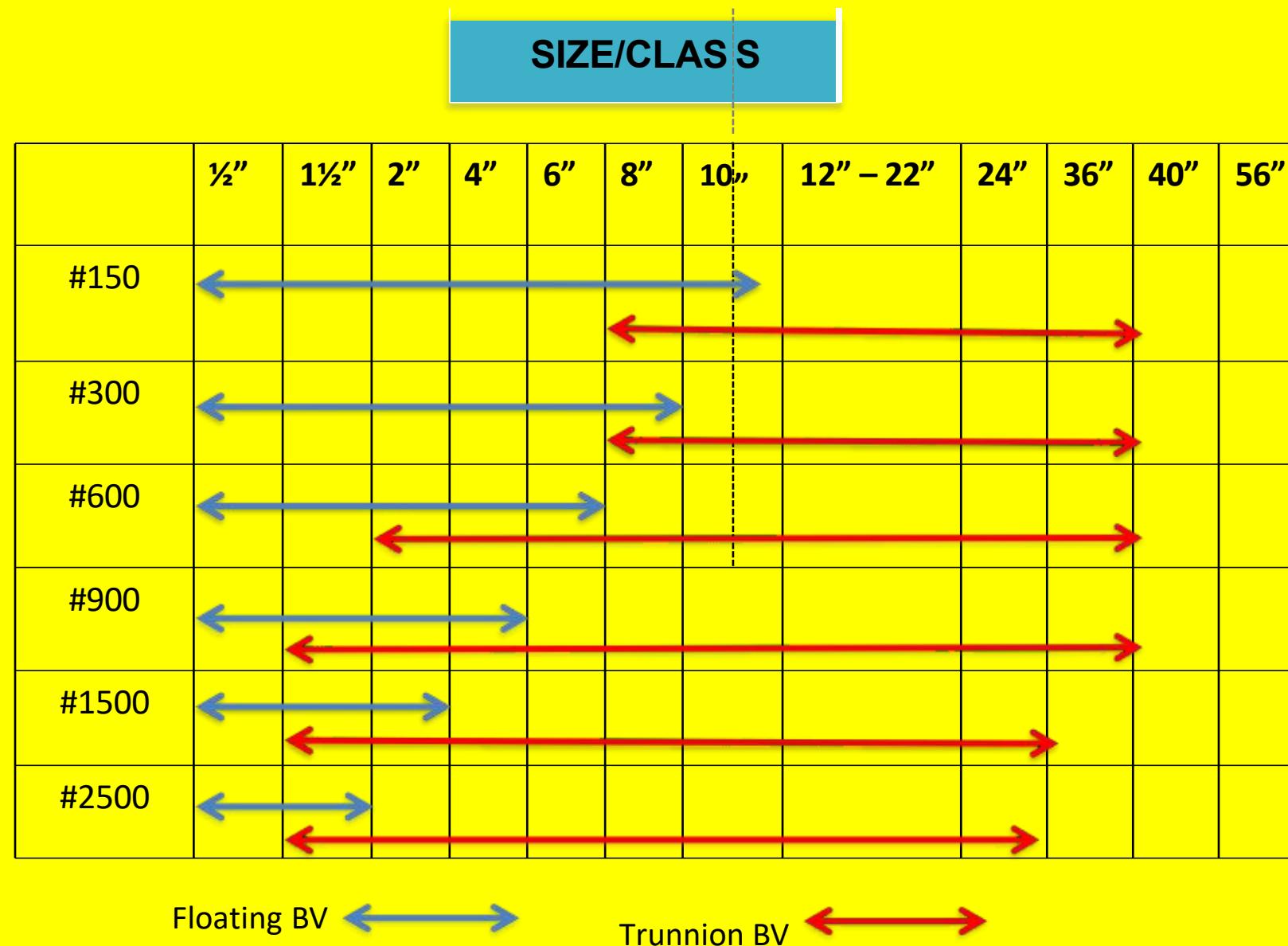
Floating BV  Trunnion BV 

## Trunnion Side Entry Split Body

- Bolted Body – Forged or Cast Construction
- Soft / Metal Seated
- Self Relieving or Double Piston Effect Seat
- Anti Blow-Out Stem
- Double Block & Bleed
- Fire safe design according to API 6FA, API 607
- Antistatic Device
- Emergency Sealant Injection to Stem & Seats
- Materials in Accordance to NACE MR 01.75
- Above / Below Ground Installation
- Product Range: Size Range: 2"-56"
- Pressure Range: 150Lb-2500Lb
- Available Material: WCB, LCB, CF8, CF8M, CF3, CF3M, A105, LF2, F304, F316, F304L, F316L, 4A, 5A, 6A, F51, F55, ALLOY 625, ALLOY 825



# Process DBB Valves Product Range





## Process Double Block and Bleed

- Body / Forged Bonnet and Trim
- Split Body or Top Entry
- Soft / Metal Seated
- Self Relieving or Double Piston Effect Seat
- Anti Blow-Out stem
- Double Block & Bleed
- Fire safe API 6FA - API 607 – ISO 14097
- Antistatic device
- Emergency sealant injection to stem & seat
- Materials in accordance to NACE MR 01.75
- Above / below ground installation
- Full In-Line Maintenance either with vertical and horizontal stem (when Top Entry)

## Trunnion Top Entry

- Available Design Standard: API 608, API 6D, BS 5351, ASME B 16.34, API6A, GOST
- Soft / Metal Seated
- FIRE SAFE DESIGN AS PER: API 607/ISO 10497
- Double Block & Bleed (DBB), Double Isolation & Bleed (DIB)
- Emergency seat and stem injection
- Anti-Static Device
- Product Range: Size Range: 2"-40"
- Pressure Range: 150Lb-2500Lb
- Available Material: WCB, LCB, CF8, CF8M, CF3, CF3M, A105, LF2, F304, F316, F304L, F316L, 4A, 5A, 6A, F51, F55, ALLOY 625, ALLOY 825





## Fully Welded Ball Valves

- Welded Body – Forged body and closure
- Soft / Metal Seated
- Self Relieving or Double Piston Effect Seat Anti
- Anti Blow-Out stem
- Double Block & Bleed
- Fire Safe API 6FA - API 607 – ISO 14097
- Antistatic device
- Emergency sealant injection to stem & seats
- Materials in accordance to NACE MR 01.75
- Above / below ground installation
- Size Range 2"-50"
- Pressure Range: 150Lb-2500Lb
- Available Material: A105, LF2, F304, F316, F51, F55

## Ball Valves Construction Materials

- CARBON STEEL
- STAINLESS STEEL
- DUPLEX AND SUPERDUPLEX
- HASTELLOY
- INCOLLOY
- INCONEL
- TITANIUM
- ANY CRA CLADDING

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We are ready to supply any product to suit our client's specific requirements in all service conditions



# Presentation for

## Gate Valves



# Gate Valves RANGE OF PRODUCTION

API 600

OS&Y, BB Gate Valve

API 6D

Slab Gate Valve

OPERATOR

- MANUAL
- ELECTRIC
- HYDRAULIC
- PNEUMATIC

# Gate Valves Product Range

CHALLENGER GL

## SIZE/CLASS

	$\frac{1}{2}''$	$1\frac{1}{2}''$	2"	4"	6"	8"	10"	12" – 22"	24"	36"	48"	56"
#150												
#300												
#600												
#900												
#1500												
#2500												

Gate Valve



Slab Gate Valve



## OS&Y, BB Gate Valve

- Sizes Range: 2-48"
- Pressure Range: 150Lb-2500Lb
- Available Design Standard:  
API 600 ,API 603 , ASME B16.34
- Welding seat rings or -Renewable seat rings.
- Full or Reduced Bore
- RF,RTJ, or BW
- Rising stem and non-rising stem
- Bolted Bonnet or Pressure Seal Bonnet
- Flexible or Solid Wedge, fully quided
- AVAILABLE MATERIALS:A216 WCB,WC6,WC9,A350 LCB,A351 CF8,CF8M,CF3,CF3M,A995 4A,A995 5A, A995 6A, Alloy20,Monel,Inconel,Hastelloy



# Slab Gate Valve

- Sizes Range: 2"-48"
- Pressure Range: 150Lb -1500Lb
- DESIGN FEATURES
  - Easily maintenance
  - Inline repairable
  - Full bore,through-conduit-Double block and bleed
- Design Standards API 6DASME B16.34
- AVAILABLE MATERIALS: Carbon SteelStainless SteelAlloy Steel,DuplexStainless Steel,Inconel,Hastelloy





# Presentation for Globe Valves

# Globe Valves RANGE OF PRODUCTION

BS 1873 / API 6A

SPECIAL

GLOBE VALVES

Pressure Seal

## OPERATOR

- MANUAL
- ELECTRIC
- HYDRAULIC
- PNEUMATIC
- ROV

# Globe Valves Product Range

CHALLENGER GL

	SIZE/CLASS											
	½"	1½"	2"	4"	6"	8"	10"	12" – 22"	24"	36"	40"	56"
#150	←							→				
#300	←							→				
#600	←							→				
#900	←							→				
#1500	←							→				
#2500	←							→				

## OS&Y, BB Globe Valve

- Connection: RF, RTJ, or BW
- Outside Screw & Yoke (OS&Y), Rising stem
- Bolted Bonnet or Pressure Seal Bonnet
- Design & manufacture according to BS 1873
- Also available per NACE MR-0175, NACE MR-0103, ISO 15848, API 624
- Different type of disc available
- Sizes NPS 2 to NPS 24; Rating: 150LB-2500LB
- AVAILABLE MATERIALS: WCB, LCB, LCC, WC6, WC9, CF8, CF8M, CF3, CF3M



# Presentation for

## Check Valves



# Check Valves RANGE OF PRODUCTION

BS1868/ API 6D

API 594

Swing Check Valve

Wafer Check Valve

## OPERATOR

- SELF OPERATION
- COUNTER-WEIGHTV

# Check Valves Product Range

CHALLENGER GL

	SIZE/CLASS											
	½"	1½"	2"	4"	6"	8"	10"	12" – 22"	24"	36"	40"	56"
#150	←							→				
#300	←							→				
#600	←							→				
#900	←							→				
#1500	←							→				
#2500	←							→				

# Swing Check Valve

- Sizes NPS 2 to NPS 24
- Pressure Rating: Class 150-Class 1500
- DESIGN FEATURES
  - Available Standard: BS1868, API6D, GOST
  - Welding seat rings or Renewable seat rings.
  - Fully open disc
  - Zero Leakage
  - Bolted Bonnet or Pressure Seal Bonnet
  - RF, RTJ, or BW
  - Swing type or lift type or Dual Plate Type
- MATERIALS: A216 WCB, WC6, WC9, A350 LCB, A351 CF8, CF8M, CF3, CF3M, A995 4A, A995 5A, A995 6A, Alloy 20, Monel, Inconel, Hastelloy





# Presentation for

## Butterfly Valves

# Butterfly Valves RANGE OF PRODUCTION

API 609

API 609

Triple Eccentric

High Performance

## OPERATOR

- MANUAL
- ELECTRIC
- HYDRAULIC
- PNEUMATIC

# Butterfly Valves Product Range



## SIZE/CLASS

	$\frac{1}{2}''$	$1\frac{1}{2}''$	2"	4"	6"	8"	24"	12" – 40"	48"	56"	76"
				←					→		
				←					→		
#300				←					→		
#300				←					→		
#600				←					→		
#600				←					→		
#900				←					→		
#900				←					→		
#1500							←	→			
#2500											

Triple Eccentric

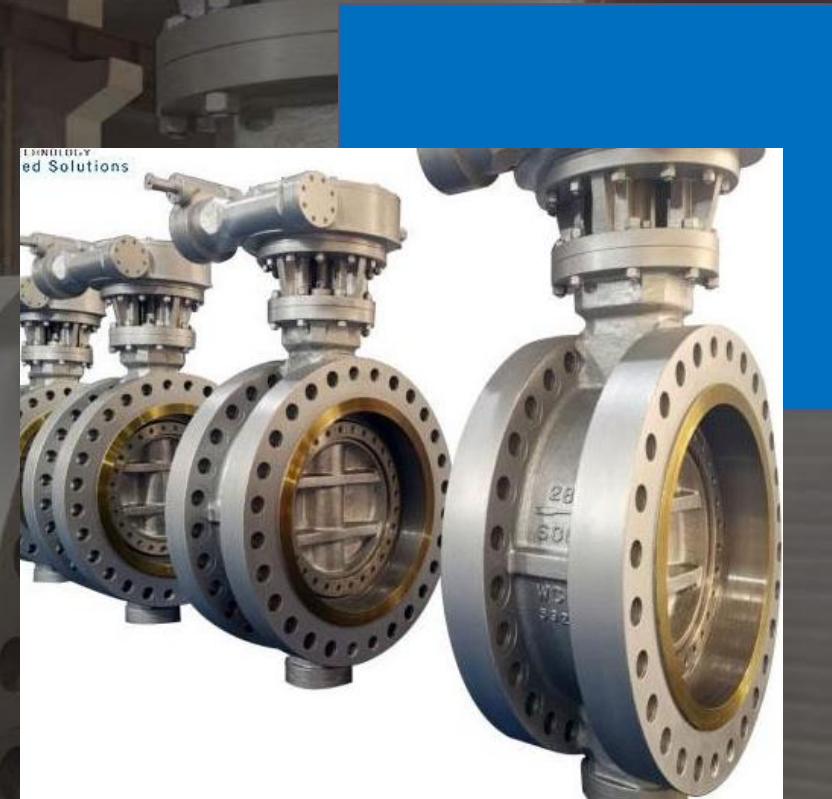


High Performance



## Triple Eccentric Butterfly Valve

- Sizes NPS 2 to NPS 76
- Class 150 to Class 600
- Flange, Wafer, Lug or BW
- FEATURES:
  - Low friction between seat and disc of valve.
  - Zero Leakage design.
  - Standard laminated resilient disc seal to 800°F(427°C).
  - Low torque enables the compact actuator and a long cycle life.
  - Blow-out proof shaft.
- Available in Cast iron, A216 WCB, A217 WC6, WC9, A351 CF3, CF8, CF3M, CF8M, A995 4A, 5A, A352 LCB, LCC, LC2, Monel, Inconel, Hastelloy (Casting)



# High Performance Butterfly Valve

- With Bidirectional Sealing
- Wafer Type&Lug Type
- 150LB-300LB, NPS2-NPS48
- 150LB-300LB: NPS2-NPS48
- 600LB-900LB: NPS4-NPS40
- 1500LB: NPS6-NPS24
- Double Flange Connection Type
- 150LB-300LB: NPS2-NPS56
- 600LB-900LB: NPS4-NPS40
- 1500LB: NPS6-NPS24
- Zero Leakage
- The design of our high performance butterfly valve offers rugged reliability and extremely easy maintenance in the field



# Presentation for

## Plug Valves



# Plug Valves RANGE OF PRODUCTION

API 609

SPECIAL

SLEEVE, LUBRICATED

DBB

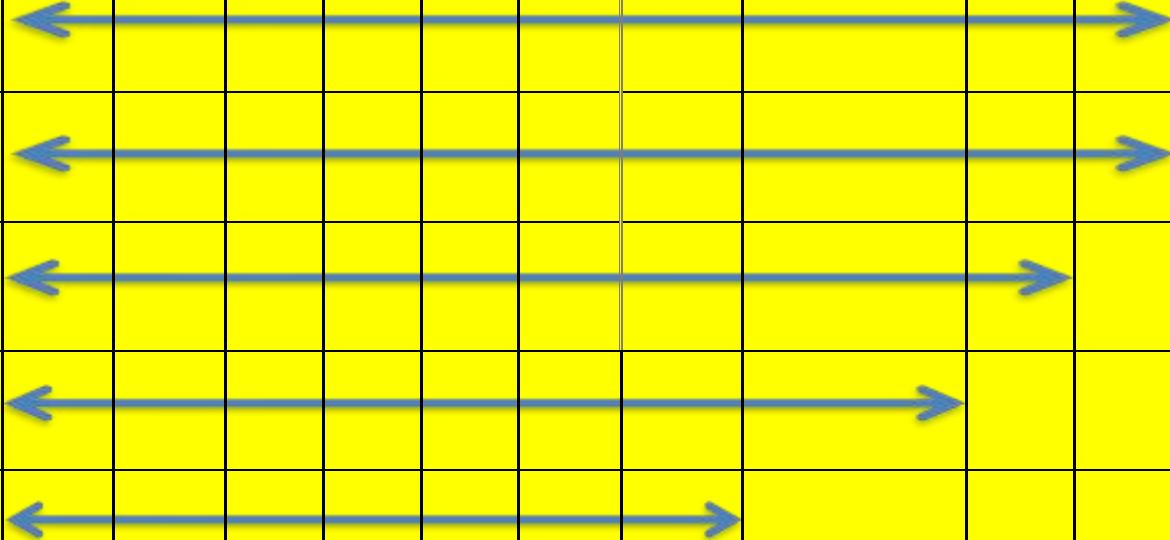
## OPERATOR

- MANUAL
- ELECTRIC
- HYDRAULIC
- PNEUMATIC

# Plug Valves Product Range

CHALLENGER GL

	SIZE/CLASS										
	½"	1½"	2"	4"	6"	8"	20"	24"	36"	48"	
#300											
#600											
#900											
#1500											
#2500											



# Lubricated Plug Valve

- Lubricated plug valve are metal seated valves providing a tight shut off ( 0 leakage ) sealing.
- It has the structure of flip-chip balance able pressure and light on/off operation.
- An oil groove is set between valve body and seal surface,which may infuse the seal grease to increase the seal capability.
- Design & manufacture according to API 6D
- Production Range:  
-DN 1/2" to 48"



CHALLENGER GL



# Presentation for

## Control Valve

# 6.

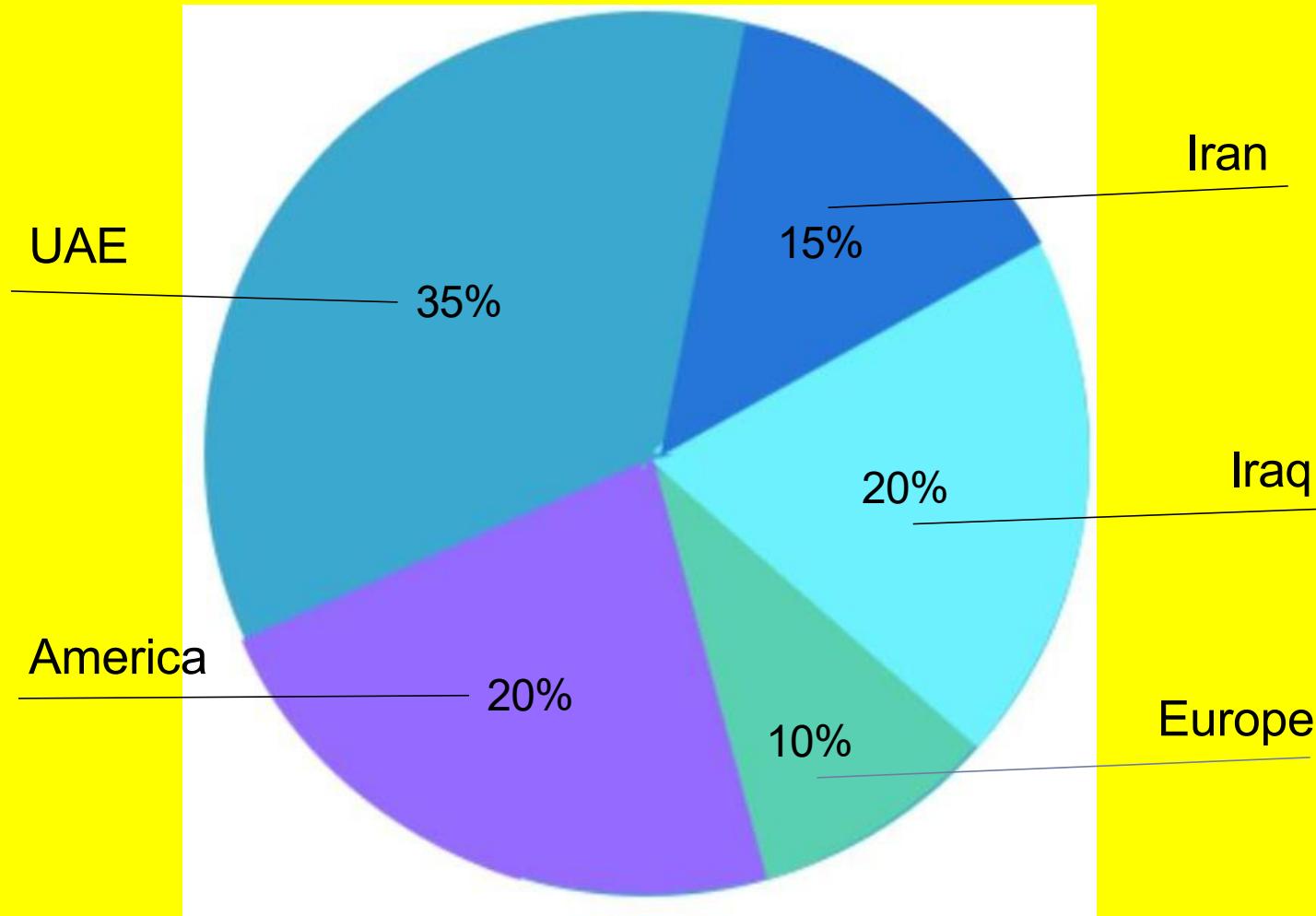
## Main Markets

Gate&Globe&Check Valve&Ball Valves

# 06 Main Markets



# 06 Main Markets — Main Market Distribution Chart



ASSET AND SERVICE MANAGEMENT IN  
THE TRANSPORTATION INDUSTRY

# 7.

## Sales Reference list

Total Annual Turnover: USD 40 million

[1]	[2]	PROJECT TITLE	CLIENT NAME/END USER	SCOPE OF WORKS/SPECIFICATIONS	YEAR OF SUPPLY	TOTAL ORDER VALUE (US\$)	ROLE IN SUPPLY [S, E, M, I]
[1]	[2]	[3]	[4]	[5]	[6]	[7]	
1	/	Kazakhstan Atyrau petroleum refinery Co.,Ltd	Gate Valve	2015-6-15	USD26890	M	
2	Development Projects	CCED	Ball Valve/Butterfly Valve	2015-3-13	USD25232	M	
3	/	Sichuan Petroleum Administrative Bureau	Ball/Gate/Globe/Check Valves	2015-5-21	RMB200000	M	
4	/	OSC Siam Silica Co.,Ltd	Plug Valve/Butterfly Valve	2015-5-30	USD34500	M	
5	BZ26-3 WHPA AUTOBACKWASH COARSE FILTER SKID(WHPA-X-4002)BZ26-3 OFFSHORE OIL FIELD DEVELOPMENT	KYS Energy	Gate/Globe/Check /Ball Valves	2015-8-14	USD54680	M	
6			Ball/Gate/Globe/Check Valves	2015-9-2	USD35670	M	
7	X-46088A 400 X 104 t/a Propane / Propene low temperature tank area	INDIA	Ball Valves	2015-10-10	USD6900	M	
8	JUMBO PROJECT	M&G RESINS USA, LLC		2015-10-8		M	

S.NO.	[1]	PROJECT TITLE	[2]	CLIENT NAME/END USER	[3]	SCOPE OF WORKS/SPECIFICATIONS	[4]	YEAR OF SUPPLY	[5]	TOTAL ORDER VALUE (US\$)	[6]	ROLE IN SUPPLY [ S, E, M, I ]	[7]
9		JUMBO PROJECT--PET		M&G RESINS USA, LLC		Gate/Globe/Ball/Butterfly Valves		2015-11-11		USD78900		M	
10				Energy Machine Service LLC		Ball Valves		2015-11-6		USD67940		M	
11				Kazakhstan Atyrau petroleum refinery Co.,Ltd		Gate Valves, Globe Valves		2015-11-30		USD76590		M	
12		JUMBO PROJECT---PTA		M&G RESINS USA, LLC		Ball Valves and Gate Valves		2016-1-10		USD450000		M	
13				Energy Kala Jonoob Co		Gate Valve, Globe Valve		2016-2-17		USD98000		M	
14				VALVULAS API, S.L		Gate Valve, Globe Valve, Ball Valve		2016-2-20		USD334500		M	
15		EC_22/12/15_001-Ran		Tornwell Project LLP		Butterfly Valve		2016-3-25		USD12300		M	
16		JUMBO PROJECT		M&G RESINS USA, LLC		BallValves		2016-2-29		USD43000		M	
17		Turkey Kazan Alkali processing project		China Tianchen		Gate Valves		2016-6-30		RMB490000		M	
18		GEA Malaysia BSF project		GEA		Ball Valves		2016-4-20		USD56900		M	
19				Valvulas API, S.L		Ball Valves, Gate Valves and Check Valve		2016-05-04		USD13018222		M	
20				PJSC TATNEFT N. A. V. D. SHASHIN		Ball Valve and Check Valve		2016-7-9		USD67000		M	
21		PETRONAS RAPID PROJECT		Explorer Terra Energy Sdn Bhd		Ball Valve and Gate Valves		2016-4-5		USD230000		M	
22		HS0713 RIL/INDIA		INDIA Project		Gate valve and Globe Valves		2016-4-15		USD35000		M	
23						Ball Valve, Gate Valve		2016-6-16		USD78600		M	

S.N O.		PROJECT TITLE	CLIENT NAME/END USER	SCOPE OF WORKS/SPECIFICATIONS	YEAR OF SUPPLY	TOTAL ORDER VALUE (US\$)	ROLE IN SUPPLY[ S, E, M, I ]
24			HA BAC NITROGENOUS FERTILIZER PLANT PROJECT (REVAMPING – EXPANDING)	Ball Valve/Gate Valve	2016-6-9	USD79600	M
25		SSGC PAKISTAN PROJECT	SSGC	Ball Valves	2016-6-1	USD98760	M
26			Energy Machine Services LLC	Gate Valve and Check Valves	2016-9-10	USD5700	M
27		LPG project	South Pacific Inc.	Ball Valves	2016-6-12	USD68000	M
28		Refinery And Petrochemicals Integrated Development (RAPID) Project	TUREMARK INTERNATIONAL CORP	Ball Valves,	2016-5-18	USD69000	M
29		PETRONAS Package 11 EOEG and Tank Farm for Rapid Project	TUREMARK INTERNATIONAL CORP	Gate Valves	2016-5-19	USD45000	M
30		PACKAGE No. 6A LLDPE PROJECT, RAPID and Petrochemicals Intergrated Development	TUREMARK INTERNATIONAL CORP	Gate Valves	2016-6-20	USD67890	M
31		PETROGAM TAJHIZ PAZHOUH COMPNAY	PETROGAM TAJHIZ PAZHOUH COMPNAY	Ball Valve and Globe Valve	2016-8-6	USD7690	M
32		REVAMP	VALSER Engineering & Services SDN. BHD.	Butterfly Valve	2016-11-7	USD54000	M
33		S05899	LEWA-Nikkiso Singapore Pte Ltd	Check Valves	2016-11-15	USD35000	M
34			EPS SEPADU SDN BHD	Gate Valve, Check Valves	2016-11-15	USD56900	M
35		S06520	LEWA-Nikkiso Singapore Pte Ltd	Ball Valve, Butterfly Valves	2016-12-30	USD12000	M

S.NO.		PROJECT TITLE	CLIENT NAME/END USER	SCOPE OF WORKS/SPECIFICATIONS	YEAR OF SUPPLY	TOTAL ORDER VALUE (US\$)	ROLE IN SUPPLY [S, E, M, I]
36			Energy Machine Services LLC	Gate /Globe/Check Valves	2017-1-10	USD23400	M
37			VALVULAS API, S.L	Ball Valve, Globe Valve , Check Valve	2017-3-5	USD650000	M
38		RAPID PACKAGE No.11 EO/EG PROJECT	TUREMARK INTERNATIONAL CORP	Gate andButterfly Valves	2017-3-27	USD68000	M
39		PVC, Caustic soda, Methanol integrated project	Uzbekistan Navoi nitrogenous fertilizer Limited	Butterfly Valves	2017-7-4	USD34000	M
40		RAPID PACKAGE No.6A LLDPE PROJECT	TUREMARK INTERNATIONAL CORP	Ball Valves	2017-8-27	USD15000	M
41		HDO VPSA VM120 X 4 and back-up system	Praxair Asia Inc.	Gate Valve	2017-9-1	USD25000	M
42		Cationic Inverse Emulsions Project	BASF	Check Valve	2017-10-25	USD15690	M
43		RAPID PACKAGE 14 - Chemical Injection Package	Volltech Engineering and Services Sdn. Bhd.	Gate Valve	2017-11-20	USD18900	M
44			VALVULAS API, S.L	Ball Valveand check valves	2017-11-20	USD12000	M
45		Kurdistan Pumping Station and Natural gas treatment project	Kurdistan Pumping Station (KPS2 )	Gate Valves	2017-11-28	USD65002	M
46			Air Products Malaysia Sdn Bhd(20813-A)	Globe Valve and Check Valve	2017-11-25	USD23000	M
47			Air Products (Hong Kong) Co. Ltd.	Ball Valve	2017-12-15	USD23400	M
48		RAPID PACKAGE 14 - Chemical Injection Package	Volltech Engineering and Services Sdn. Bhd.	Gate Valve	2017-12-20	USD56000	M

S.NO.	[1]	PROJECT TITLE [2]	CLIENT NAME/END USER [3]	SCOPE OF WORKS/SPECIFICATIONS [4]	YEAR OF SUPPLY [5]	TOTAL ORDER VALUE (US\$) [6]	ROLE IN SUPPLY [S, E, M, I] [7]
49		Kurdistan Pumping Station and Natural gas treatment project	Kurdistan Pumping Station (KPS2 )	Gate Valve	2018-3-28	USD57890	M
50			Air Products Malaysia Sdn Bhd(20813-A)	Ball Valve and Globe Valve	2018-4-10	USD51090	M
51			Air Products (Hong Kong) Co. Ltd.	Butterfly Valve	2018-4-20	USD35600	M
52			TRUEMARK INTERNATIONAL CORP	Gate Valve	2018-4-25	USD64300	M
54		PVC, Caustic soda, Methanol integrated project	Uzbekistan Navoi nitrogenous fertilizer Limited	Butterfly valve	2018-4-30	USD23000	M
55			VALVULAS API, S.L	Ball/Gate/Globe Valve	2018-7-12	USD450000	M
56			VALVULAS API, S.L	Gate/Globe/Check Valve	2018-8-30	USD345000	M
57			CDB Engineering SPA	Plug Valve	2018-9-25	USD160000	M
58			PT PUCO	Gate Valve/Ball Vale	2018-10-08	USD23000	M
59			Explorer Terra Energy Sdn Bhd	Ball Valve/Gate Vaves	2018-11-10	USD245600	M
60			Explorer Terra Energy Sdn Bhd	Gate Valve	2018-12-10	USD67800	M

S.NO.		PROJECT TITLE	CLIENT NAME/END USER	SCOPE OF WORKS/SPECIFICATIONS	YEAR OF SUPPLY	TOTAL ORDER VALUE (US\$)	ROLE IN SUPPLY [S, E, M, I]
61			Energy Machine Services LLC	Ball Valve/Check Valve	2019-2-10	USD52000	M
62			PT. PUCO	Ball Valves	2019-3-9	USD14136	M
63			CDB Engineering SPA	Plug Valves	2019-3-20	USD22000	M
64			A. B. S. Engineering Corporation (Private) Limited	Plug Valves	2019-4-10	USD9670	M
65			UNIVAL INDUSTRIA E COMERCIO DE VALVULAS E ACESSORIOS INDUSTRIALIS	Gate/Globe/Check Valves/Ball Valve	2019-4-15	USD45690	M
66			PT. PUCO	Ball Valve	2019-5-10	USD58090	M
67			Allsol International FZE	Ball Valve	2019-5-20	USD46782	M
68			CDB Engineering SPA	Plug Valve	2019-6-20	USD37880	M
69			TRUEMARK INTERNATIONAL CORP	Globe Valve and Check Valve	2019-7-10	USD256600	M
70			A. B. S. Engineering Corporation (Private) Limited	Gate Valve	2019-8-10	USD176800	M
71			Allsol International FZE	Ball Valve and Check Valve	2019-9-05	USD65490	M
72			Allsol International FZE	Pressure Relief Valve	2020	USD102,733.40	M
73			IranIndustrial Pumps Company	Pressure Relief Valve	2020	USD17000	M
74			TEKNOSTEEL S. A. C.	Ball/Gate/Check Valve	2020	USD35000	M
75			Petro Aro Co	Ball Valve	2019-2020	USD467800	M
76			Inversiones SSY EIRL	Butterfly valve/Flanges	2019-2020	USD145000	M
77			ADA Engineering Services	Plug Valve	2020	USD59000	M
78			Evolution Valves	Ball Vale/Globe Valve	2020	US102000	M
79			EDMUND VALVE COMPANY (1965) LTD	Butterfly Valve/Plug Valve	2019-2020	USD67800	M
80	Iran		I. I. PGroup	Safety Valve, Ball Valve	2020-2021	USD24000	M
80	Iran		Petro Artan Part Co	Safety Valve, Ball Valve and Gate Valve	2021	USD5600	M

# THANKS

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Welcome to visit our company

