

Company Introduction

B-501, Woolim Bluenine Yangcheon-ro 583,
Gangseo-gu, Seoul, Korea

TEL 02-2694-4126 FAX 02-2695-4003
www.world-valves.co.kr



World Eng & T
World Engineering Corporation

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- 3) Manual Valve : Wuzhou (China)
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1. World Engineering Introduction / Profile

- COMPANY NAME : World ENG & T Co., Ltd. (World Engineering Corporation)
- CEO: SEO JOON PARK (SI CHUL)
- DATE OF ESTABLISHMENT: NOV. 1994
- BUSINESS AREA : PLANT VALVE CONSULTING
- WEBSITE: www.world-valves.co.kr
- MAIN OFFICE: B-501, Woolim Bluenine Yangcheon-ro 583, Gangseo-Gu,
Seoul, Korea
TEL 82-2-2694-4126 FAX 82-2-2695-4003
- FACTORY: 421-8, Wangshin-ri, Gangdong-myeon, Gyeongju, Gyeongbuk, Korea



1. World Engineering Introduction / Greeting

We are very pleased to our valuable customers who have shown a very deep attention onto our company.

We provide the best solutions based on many years of engineering know-how to our respectable clients. We also select the right items according to the exact specifications, construction environment, and purpose.

Established in 1994 and specialized in plant valve consulting, we choose items, manufacture, trade, planning project, architecture, construction, maintenance, etc. Based on extensive experience and infrastructure, our company gets good reputations from the clients.

We promise that we will meet the needs and expectations of our valuable customers through the valve technology services. We will do our best to satisfy our customers.

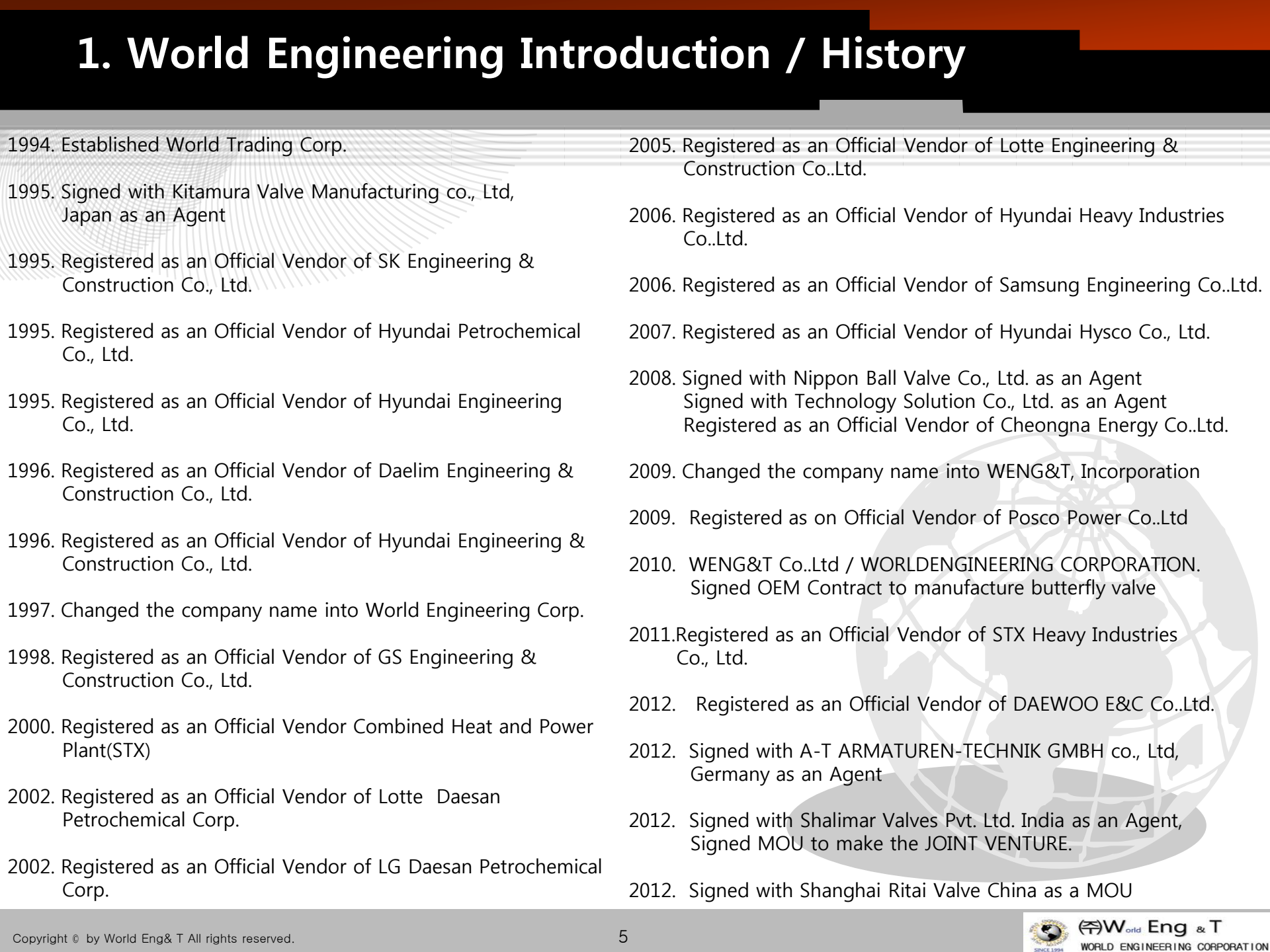
If you have any questions or require any further information, please do not hesitate to contact us.

We look forward to being of service to you.

PRESIDENT
Seo Joon (Si Chul) Park



1. World Engineering Introduction / History

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- | | |
|--|--|
| 1994. Established World Trading Corp. | 2005. Registered as an Official Vendor of Lotte Engineering & Construction Co.,Ltd. |
| 1995. Signed with Kitamura Valve Manufacturing co., Ltd, Japan as an Agent | 2006. Registered as an Official Vendor of Hyundai Heavy Industries Co.,Ltd. |
| 1995. Registered as an Official Vendor of SK Engineering & Construction Co., Ltd. | 2006. Registered as an Official Vendor of Samsung Engineering Co.,Ltd. |
| 1995. Registered as an Official Vendor of Hyundai Petrochemical Co., Ltd. | 2007. Registered as an Official Vendor of Hyundai Hysco Co., Ltd. |
| 1995. Registered as an Official Vendor of Hyundai Engineering Co., Ltd. | 2008. Signed with Nippon Ball Valve Co., Ltd. as an Agent
Signed with Technology Solution Co., Ltd. as an Agent
Registered as an Official Vendor of Cheongna Energy Co.,Ltd. |
| 1996. Registered as an Official Vendor of Daelim Engineering & Construction Co., Ltd. | 2009. Changed the company name into WENG&T, Incorporation |
| 1996. Registered as an Official Vendor of Hyundai Engineering & Construction Co., Ltd. | 2009. Registered as an Official Vendor of Posco Power Co.,Ltd |
| 1997. Changed the company name into World Engineering Corp. | 2010. WENG&T Co.,Ltd / WORLDENGINEERING CORPORATION.
Signed OEM Contract to manufacture butterfly valve |
| 1998. Registered as an Official Vendor of GS Engineering & Construction Co., Ltd. | 2011. Registered as an Official Vendor of STX Heavy Industries Co., Ltd. |
| 2000. Registered as an Official Vendor Combined Heat and Power Plant(STX) | 2012. Registered as an Official Vendor of DAEWOO E&C Co.,Ltd. |
| 2002. Registered as an Official Vendor of Lotte Daesan Petrochemical Corp. | 2012. Signed with A-T ARMATUREN-TECHNIK GMBH co., Ltd, Germany as an Agent |
| 2002. Registered as an Official Vendor of LG Daesan Petrochemical Corp. | 2012. Signed with Shalimar Valves Pvt. Ltd. India as an Agent,
Signed MOU to make the JOINT VENTURE. |
| | 2012. Signed with Shanghai Ritai Valve China as a MOU |

1. World Engineering Introduction / Major Clients

Major Clients



1. World Engineering Introduction / Experience List

No	Project name	Client	Description	Country	Date
1	EO / EG	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2001
2	Complex / Sales Moter #3	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2001
3	NCC #2 (DRYER)	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2001
4	No.2 NCC / ACETYLENE CONVERTER	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2001
5	No.2 NCC / AC FLARELESS	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2002
6	EG (B31) / 604-C	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2002
7	MS EXPORT	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2002
8	REPLACEMENT THE 604-C	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2002
9	FOR C9+ TRUCK LOADING	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2002
10	No.1 OS / TRUCK LOADING [C9+]	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2002
11	No.1 PP / NEW CATALYST SYSTEM	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2002
12	No.2 PP / NEW CATALYST SYSTEM	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2003
13	PP #1 / NEW CATALYST SYSTEM	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2003
14	PP #2 / NEW CATALYST SYSTEM	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2003
15	No.2 PE / VALVE REPLACEMENT	Hyundai Petrochemical Co., Ltd.	Control Valve	KOREA	2003
16	SAUDI ARAMCO 1ST SGP	Hyundai Heavy Industries Co., Ltd.	ESD Valve	SAUDI	2004
17	SAUDI ARAMCO 2ND UGP	Hyundai Heavy Industries Co., Ltd.	ESD Valve	SAUDI	2004
18	SAUDI ARAMCO 3RD RTR	Hyundai Heavy Industries Co., Ltd.	ESD Valve	SAUDI	2004
19	SAUDI ARAMCO 4TH JGP	Hyundai Heavy Industries Co., Ltd.	ESD Valve	SAUDI	2004
20	Extension Business for Freezing Butane Tank	SK Gas Co., Ltd.	ESD / ONOFF Valve	KOREA	2004

1. World Engineering Introduction / Experience List

No	Project name	Client	Description	Country	Date
21	Extension Business for Freezing Butane Tank Pyung-taek Base Camp	SK Gas Co., Ltd.	SPARE PARTS	KOREA	2003
22	PVC REVAMPING	Han wha Chemical Corp.	ON/OFF VALVE	KOREA	2005
23	AD-2 LOADING AUTOMATION	LG Chemical Ltd.	Control Valve	KOREA	2002
24	NCC / C4 LPG	LG Chemical Ltd.	Control Valve	KOREA	2002
25	EG2 Factory (Daesan Factory)	LG Chemical Ltd.	3-way Ball Valve	KOREA	2004
26	IRAN SOUTH PARS 2#~3# GAS	Hyundai Engineering & Construction Co., Ltd	ON/OFF Valve	IRAN	2004
27	IRAN SOUTH PARS 4#~5# GAS, A-ONE	Hyundai Engineering & Construction Co., Ltd	ONOFF/ Gate/ Plug V/V	IRAN	2004
28	Korea District Heating Corp. Goyang Samsung	Hyundai Engineering & Construction Co., Ltd	Non-Slam Check V/V	KOREA	2009
29	Korea District Heating Corp. Yeosoo	Hyundai Engineering & Construction Co., Ltd	Motor Operating V/V	KOREA	2011
30	IGD5	Hyundai Engineering & Construction Co., Ltd	Ball Valve	KOREA	2010
31	Korea District Heating Corp. Yeosoo	Hyundai Engineering & Construction Co., Ltd	Mov Actuator	KOREA	2011
32	OS TANK Extension	LOTTE Daesan Petrochemical Corp.	Control ON/OFF Valve	KOREA	2008
33	LPC Revamping	LOTTE Daesan Petrochemical Corp.	Pneumatic ON/OFF Valve	KOREA	2008
34	TBA	LOTTE Daesan Petrochemical Corp.	Control Ball Valve	KOREA	2008
35	NCC/BRU/BD	LOTTE Daesan Petrochemical Corp.	ON/OFF Ball Valve	KOREA	2009
36	EG2 Factory (Daesan Factory)	LOTTE Daesan Petrochemical Corp.	BALL Valve	KOREA	2009
37	Sang Am DMC CES	SK Engineering & Construction Co., Ltd.	Control Valve	KOREA	2006
38	Uijeongbu Trash Burner	SK Engineering & Construction Co., Ltd.	MOV Damper	KOREA	2001
39	Thailand ATC	SK Engineering & Construction Co., Ltd.	Control Valve	THAILAND	2007
40	Thailand PTT	SK Engineering & Construction Co., Ltd.	Control Valve	THAILAND	2009

1. World Engineering Introduction / Experience List

No	Project name	Client	Description	Country	Date
41	THPP#3 PROJECT	SK Engineering & Construction Co., Ltd.	3-Way Special	THAILAND	2009
42	THPP#3 PROJECT	SK Engineering & Construction Co., Ltd.	ON-OFF Valve	THAILAND	2009
43	Korea District Heating Corp. Goyang Samsung	SK Engineering & Construction Co., Ltd.	BALL Valve	KOREA	2006
44	Korea District Heating Corp. Goyang	SK Engineering & Construction Co., Ltd.	BALL Valve	KOREA	2006
45	ASP PROJECT	SKC AIRGAS Corp.	Ball Valve	KOREA	2004
46	PTT PROJECT	Thai Woo Ree Engineering co. Ltd.	3-Way Ball Valve	KOREA	2007
47	PTT TANK TERMINAL PROJECT (1차)	Thai Woo Ree Engineering co. Ltd.	BALL & BUTTERFLY v/v	THAILAND	2007
48	PTT TANK TERMINAL PROJECT (2차)	Thai Woo Ree Engineering co. Ltd.	Ball Valve	THAILAND	2007
49	PTT TANK TERMINAL PROJECT (3차)	Thai Woo Ree Engineering co. Ltd.	On-off Ball Valve	THAILAND	2007
50	Q-CHEM II NAO / PE	Daelim Industry Corp.	ON/OFF Valve	KOREA	2003
51	INDIA EPSM	Daelim Industry Corp.	ON/OFF Valve	INDIA	2003
52	TAILAND ATT	Daelim Industry Corp.	ON/OFF Valve	THAILAND	2005
53	IRAN SOUTH PARS 2500#	Daelim Industry Corp.	ON/OFF Valve	IRAN	2004
54	LINE REPLACEMENT	SanDan Cogeneration Plant Co.,Ltd.	Control Valve	KOREA	2004
55	LINE REPLACEMENT	SanDan Cogeneration Plant Co.,Ltd.	Control Valve	KOREA	2004
56	LINE REPLACEMENT	STX Energy Co., Ltd.	Control Valve	KOREA	2004
57	LINE REPLACEMENT	STX Energy Co., Ltd.	Control Valve	KOREA	2004
58	LINE REPLACEMENT	STX Energy Co., Ltd.	Control Valve	KOREA	2004
59	LINE REPLACEMENT	STX Energy Co., Ltd.	Control Valve	KOREA	2004
60	LPC Revamping	GS Construction Co., Ltd.	Pneumatic ONOFF Valve	KOREA	2006

1. World Engineering Introduction / Experience List

No	Project name	Client	Description	Country	Date
61	TBA PROJECT	Sam Sung Engineering	Pneumatic ONOFF valve	KOREA	2008
62	LG Chemical / Synthetic Rubber	Sin Sung Engineering	Spare part	KOREA	2011
63	LG Chemical / Synthetic Rubber - 2	Sin Sung Engineering	Spare part	KOREA	2012
64	LG Chemical / EOGO	Sin Sung Engineering	Spare part	KOREA	2012
65	Hyundai E&C East Sea Gas PJT	J Industrial Development	Globe, Ball, Gate Valve	KOREA	2010
66	Jordan Al Qatrana Power Project	Lotte E&C	Butterfly Valve	JORDAN	2009
67	Gumi Desulfurize	YukJi Construction	Manual Ball, Gate, Globe, Check	KOREA	2012
68	Gumi Desulfurize	YukJi Construction	Diaphragm	KOREA	2013
69	Iraq MOE Project	STX Heavy Industries Co., Ltd.	Control Valve	IRAQ	2011
70	POSCO #7,8,9 Power Plant construction	POSCO Engineering & Construction Co., Ltd	Manual - Forged valve	KOREA	2013
71	Hout Onshore Gas Facilities Project	Daewoo E&C	Manual Ball valve	SAUDI	2013
72	Hout Onshore Gas Facilities Project	Daewoo E&C	On-Off Ball valve	SAUDI	2013
73	Hout Onshore Gas Facilities Project	Daewoo E&C	MOV Ball valve	SAUDI	2013
74	Iraq DGS WO#1,2	STX Heavy Industries Co., Ltd.	On-Off Ball valve	IRAQ	2013
75	Satah Al Razboot (SARB) Field Development Project	Hyundai Engineering & Construction Co., Ltd	Manual Ball valve - API 6A	Abu Dhabi	2014
76	Satah Al Razboot (SARB) Field Development Project	Hyundai Engineering & Construction Co., Ltd	Manual Ball valve - API 6D	Abu Dhabi	2014
77	Satah Al Razboot (SARB) Field Development Project	Hyundai Engineering & Construction Co., Ltd	On-off Ball valve	Abu Dhabi	2014
78	Satah Al Razboot (SARB) Field Development Project	Hyundai Engineering & Construction Co., Ltd	MOV Ball valve	Abu Dhabi	2014

1-1. Domestic Control Valves / KORVAL

 **Automatic & Control Valve**
We will make it for customer impressed not customer satisfaction

KORVAL

PROMISE to CUSTOMER

Better Than

Low Price

High Quality

Best Delivery

Speedy After Service

World Best Control Valve

<http://www.korval.co.kr>

Green Energy First

KORVAL



1-2. Domestic Control Valves / KORVAL - Product



Control Valve



Hydraulic Actuator



Temperature Regulating Valve



Shut-off Ball Valve



Pressure Regulating



Safety Relief Valve



Accessories



Others -



1-3. Domestic Control Valves / KORVAL - Certificate / Experience

Certificate

QUALITY SYSTEM CERTIFICATES



PATENT CERTIFICATES



CLASSIFICATION CERTIFICATES



ACCREDITATIONS



FIELD OF BUSINESS

Nuclear plant, Gas / Oil Plant, Chemical Plant, Power Plant, Marine Industry, etc.



Certificate

Business Partners

Domestic Market

HYUNDAE HEAVY INDUSTRY
HYUNDAE SAMHO HEAVY INDUSTRY
SAMSUNG HEAVY INDUSTRY
DOOSAN HEAVY INDUSTRY
HANJIN HEAVY INDUSTRY
DAEWOO SHIPBUILDING & MARINE ENGINEERING (DSME)
HYUNDAE MIPO SHIPBUILDING
STX MARINE & SHIPBUILDING
SLS SHIPBUILDING
SPP MARINE & SHIPBUILDING
SUNGDOONG SHIPBUILDING & MARINE
SAMHO SHIPBUILDING
DAEHAN SHIPBUILDING
SEGWANG HEAVY INDUSTRY
STX ENPACO
STX ENGINE
DOOSAN ENGINE
HYUNDAE ENGINE
S-Oil
SAMSUNG TECHWIN
GS E&C

Overseas Market

SHANGHAI WAIGAOQIAO SHIPYARD
ZHOUZHAN SHIPYARD
SHANHIGUAN SHIPYARD
JILZING SHIPYARD
PT PAL SHIPYARD
MITSUBISHI KAKOKI KAISHA LTD
BOHAI SHIPBUILDING HEAVY INDUSTRY
CHENGXI SHIPYARD
WHENCHEONG SHIPYARD
ZHEJIANG SHIPBUILDING
HUDONG-ZHONGHUA SHIPBUILDING
SAINTY SHIPYARD
YANGFAN SHIPYARD
SHANGHAI SHIPYARD
CHINA SHIPPING INDUSTRY
GUANGZHOU SHIPYARD
GUANGZHOU WENCHONG SHIPYARD
JIANGSU RONGSHENG SHIPYARD
STX DALIAN SHIPBUILDING
SAMIN SHIPBUILDING INDUSTRIES(SS1)
MITSUBISHI HEAVY INDUSTRY

KORVAL / www.korval.co.kr

KORVAL / www.korval.co.kr



42 Business Partners

Business Partners 43

2-1. Domestic Control Valves / UNICON



Company Introduction

Welcome to
Unicon System Co., Ltd.
The leading company
specializing in control valves

2-2. Domestic Control Valves / UNICON - Product



No	Model	Feature	Size	Max Press. Rating
1	Globe	Mid & high pressure	1" ~ 32"	ANSI 150 / 300
			1" ~ 24"	ANSI 600
			1" ~ 20"	ANSI 900
			1" ~ 20"	ANSI 1500
			1" ~ 12"	ANSI 2500
			1" ~ 4"	ANSI 4500
2	Teflon blocked	Anti-corrosion	1" ~ 2"	ANSI 150
3	3-way Globe	Mixing & Diverting	1" ~ 20"	ANSI 150 - 600
4	Angle	Viscosity, Resistance	1" ~ 24"	ANSI 150 - 2500
5	Cryogenic	Cryogenic Service	1" ~ 12"	ANSI 150 - 600
6	V-cut (segment) ball	High rangeability	1" ~ 16"	ANSI 150 / 300 / 600
7	Discharge	Tank bottom	1" ~ 10"	ANSI 150 / 300
8	Butterfly	High-performance	2" ~ 64"	ANSI 150 / 300 / 600
		Triple offset	6" ~ 44"	ANSI 150 ~ 1500
			8" ~ 44"	Wafer / flange
9	2-way ball	Soft/Metal seat	1" ~ 24"	ANSI 150 ~ 1500 2500(Option))
10	Pressure Regulator	Diaphragm /Piston Conventional Bellows	1/2' ~ 14"	ANSI 150 / 300
11	Desuper Heater	MNSD, PRDS Variable	2' ~ 24"	ANSI 150 ~ 1500
12	Pneumatic Actuator	Diaphragm	250 ~550 Dia	
		Cylinder	8" ~24" Dia	

2-3. Domestic Control Valves / UNICON - Experience



Project Name	Client	Delivery	Valve Type	Size / Class	Material	Destination
Saudi / Tihama Cogeneration Expansion PJT	TIHAMA Power Generation Co., Ltd / HYUNDAI HEAVY IND. /****	2014.04	GLOBE CONTROL VALVE	6"-900 lbs etc.	WCB	SAUDI
PACO POWER PLANT	SEENTEC / SK E&C	2014.05	GLOBE CONTROL VALVE	1"-300 lbs	F304	PANAMA
BNPP #3, 4	DOOSAN HEAVY IND.	2014.06	GLOBE CONTROL VALVE	6"-150 lbs etc.	WCB	UAE
Yeongheung thermoelectric	Korea South-East Power	2014.08	GLOBE CONTROL VALVE	4"-150 lbs	WCB	KOREA
GS POWER BUCHEON	GS POWER BUCHEON	2014.08	GLOBE CONTROL VALVE	2"-1500 lbs etc.	F11	KOREA
Hadong thermoelectric	Korea Southern Power	2014.10	GLOBE CONTROL VALVE	2"-150 lbs etc.	A105	KOREA
Cheonggyeong Pumped Storage Power Plant	Korea Hydro & Nuclear Power	2014.11	MOTOR CONTROL VALVE	2"-900 lbs	WCB	KOREA
Talimagan CCPP	HYUNDAI ENG. / ****	2014.12	GLOBE CONTROL VALVE	10"-300 lbs etc.	WCB	UZBEKISTAN
KUMHO CHP-51 PROJECT	SAMSUNG C&T	2014.12	GLOBE CONTROL VALVE	18"-300 lbs etc.	WCB	KOREA
DONGKUK STEEL	DONGKUK STEEL	2011.04	GLOBE CONTROL VALVE	1"-10K	CF8	KOREA
SF6 ABA TEMENT CDM	LG INTERNATIONAL CORP.	2011.10	GLOBE CONTROL VALVE	2-1/2"-10K	CF8	KOREA
DENGHE	DENGHE	2011.11	FEV	3"-150 lbs	CF8	CHINA
KOGAS	KOGAS	2012.04	GLOBE CONTROL VALVE	3/4"-2500 lbs	F316	KOREA
DONGKUK STEEL	DONGKUK STEEL	2012.04	GLOBE CONTROL VALVE	2"-10K	CF8	KOREA
SAMNAM PETROCHEMICAL	SAMNAM PETROCHEMICAL	2012.10	GLOBE CONTROL VALVE	2", 3", 4"-150 lbs	WCB	KOREA
10 TON / DAY DME DEMO PLANT	KOGAS	2013.05	GLOBE CONTROL VALVE	1"-300 lbs	WCB	KOREA
KOGAS	KOGAS	2013.04	GLOBE CONTROL VALVE	3/4"-2500 lbs	F316	KOREA
DONGKUK STEEL	DONGKUK STEEL	2013.08	GLOBE CONTROL VALVE	1-1/2", 2"-10K	CF8	KOREA
DAEWOO E&C RDPP	KOREA CORONA	2013.10	GLOBE CONTROL VALVE	4"-150 lbs	WCB	ALGERIA
KOREA ZINC	KOREA ZINC	2013.12	GLOBE CONTROL VALVE	1/2"-150 lbs	A105	KOREA
ALK YEOSU NG BOOSTER	SAMSUNG TECHWIN	2014.01	GLOBE CONTROL VALVE	1/2"-600 lbs	F316	KOREA
ZWITNA AUX BOILER	HANIL HEAVY INDUSTRIES	2014.02	GLOBE CONTROL VALVE	1-1/2"-600 lbs 3"-150 lbs	WCB	LYBIA
DAEGU FGC	SAMSUNG TECHWIN	2014.03	GLOBE CONTROL VALVE	8"-300 lbs	WCB	KOREA
Yeosu Sirbe	Yeosu Sirbe	2014.05	GLOBE CONTROL VALVE	4"-150 lbs	WCB	KOREA
KUKDO CHEMICAL	KUKDO CHEMICAL	2014.06	GLOBE CONTROL VALVE	1.5" 10K	WCB	KOREA
P3.9 PROJECT	OCI	2014.06	GLOBE CONTROL VALVE	6" 600 lbs etc.	WCB	KOREA
LOTTE CHEMICAL / DAESAN	LOTTE CHEMICAL	2014.08	GLOBE CONTROL VALVE	1" 150 lbs	UNS S31703	KOREA
LOTTE CHEMICAL / ULSAN	LOTTE CHEMICAL	2014.09	GLOBE CONTROL VALVE	4" 10K	CF8	KOREA
LOTTE CHEMICAL / DAESAN	LOTTE CHEMICAL	2014.09	GLOBE CONTROL VALVE	1.5" 150 lbs	CF3M	KOREA
LG CHEMICAL	LG CHEMICAL / *****	2014.09	GLOBE CONTROL VALVE	8" 300 lbs	WCB	KOREA
LPC REVAMPING / DAESAN	LOTTE CHEMICAL	2014.10	GLOBE CONTROL VALVE	3" 300 lbs	CF8	KOREA
D-PROJECT / DAESAN	LG MMA	2014.10	GLOBE CONTROL VALVE	1/2" 150 lbs	F304	KOREA
LG MMA	LG MMA	2014.11	GLOBE CONTROL VALVE	4" 150 lbs	CF3	KOREA
D-OS Flare C/V 신설	LOTTE CHEMICAL	2014.12	GLOBE CONTROL VALVE	4" 300 lbs	WCB	KOREA

3-1. Domestic Casting Valves / Kumwoo Valve



Head Office

- ◆ Main Facility: **Casting Valve**
- ◆ Total Area : 26,497 m² Roofed Area : 8,238 m²
- ◆ Employee : 92
- ◆ Address : 657, Gadong-ri, Hallim-myeon, Gimhae-si, Gyeongsangnam-do, 621-871, Korea



2nd Factory

- ◆ Main Facility: Special Fitting(T-piece, Lateral, Y-piece, Big Size Flange)
Valve Casting, Flow Element,
- ◆ Address: Gomo-Ri Jinlae, Gimhae, Gyeongnam, Korea
- ◆ Manufacturing Capacity : 200,000 SET /Year
- ◆ Total Area : 1512.5 m² Roofed Area : 907 m²



3rd Factory

- ◆ Main Facility : **Flange**
- ◆ Manufacturing Capacity : 180,000 SET /Year
- ◆ Total Area : 1,512 m² Roofed Area : 907 m²
- ◆ Address : 103-34, Gomo-Ri, Jinlae, Gimhae, Gyeongsangnam-do, Korea



4th Factory

- ◆ Main Facility : **Forging**
- ◆ Manufacturing Capacity : 500,000 SET /Year
- ◆ Total Area : 4,842 m² Roofed Area : 1,511 m²
- ◆ Address : 103-34, Bonli-li, Nonggong-Ub, Dalsung-Gun, Daegu, Korea

4-1. Domestic Casting Valves / NSV

NO. 2014 - 02

NSV NSV CORPORATION

Critical Service Valves for the World Energy Industry

1. Gate Valve
2. Globe Valve
3. Check Valve
4. Ball Valve



4-2. Domestic Casting Valves / NSV - Certificate



4-3. Domestic Casting Valves / NSV - Experience

국내영업실적 (석유화학)

고객명	Project	연도
삼성토탈	JET-1 PRO	2009.07
삼성토탈	LPG TANK PRO	2009.06
삼성물산	삼성 BP(울산공장)	2009.06
코오롱건설	코오롱유화(여수공장)	2008.09
미수건설	대한유화(울산공장)	2008.04
삼성정밀화학	홀산공장	2008.03
대우건설	금호P&B(여수)	2008.02
GS건설	롯데대산유화, LG대산유화	2007.11~12

국내영업실적 (석유공사)

고객명	Project	연도
SK건설	울산비축기지	2009.06
쌍용건설	평택지상 탱크건설공사(수동), (전동)	2008.04~05
한국석유공사	여수추가비축기지	2006.10

국내영업실적 (우주산업)

고객명	Project	연도
동원기업	나로우주기지 건설	2008.07, 2009.03

국내영업실적 (열병합발전설비)

고객명	Project	연도
롯데건설	인천청라에너지	2009.06
경남기업	마산배방집단에너지	2009.05~2009.06
롯데건설	판교열병합발전	2009.05
대우건설	파주열병합발전	2009.01
한화건설	광명CES열원설비	2008.09
롯데건설	동남권유통열원설비공사	2008.05
현대건설	부산정관 열병합공사	2008.02
대우건설	화성열병합공사	2006.12
SK건설	상암DMC열원설비	2006.11

국내영업실적 (정유시설)

고객명	Project	연도
삼성엔지니어링	S-OIL ALKYLATION PRO	2008.12~2009.02
S-OIL	S-OIL REFINERY EXPANS	2009.06
미수건설	S-OIL NJF	2008.10
SK건설	SK에너지(울산) FCC, BDO, HPPD, MDU	2007.07~08

국내영업실적 (반도체)

고객명	Project	연도
삼성반도체	화성공장, 천안타정, 기흥반도체	2002.08~2006.06
LG반도체	구미LCD P3~P6, 파주LCD P7, 청주 LG반도체	2003.11~2004.05

국내 고객(총456개사)



해외 고객(총16개사)



5-1. Domestic Forged Valves / Dongkang Metal

- ◆ Company Name : DONGKANG METAL Co., Ltd.
- ◆ Date of establishment : 1993
- ◆ Business area : Forged Valve manufacturer
- ◆ Website : <http://www.valvekorea.co.kr>
- ◆ Factory : 1515-3, Dadae-dong, Saha-gu
Busan, Korea



DONGKANG METAL
Forged Steel Valves & Casting Steel Valves
| HIGH PRESSURE |

5-2. Domestic Forged Valves / Dongkang Metal - Certificate & Reference



REFERENCE STANDARD & SPECIFICATION

ANSI STANDARDS-AMERICAN NATIONAL STANDARDS

- B1.1 Unified Screw Threads
- B2.1 Pipe Threads(Except Dryseal)
- B16.1 Steel Pipe Flanges Flanged Fittings
- B16.10 Face to face and End to-End Dimensions of Ferrous Valves
- B16.11 Forged Steel Fittings Socket Welding and Threaded
- B16.20 Ring-Joint Gaskets and Grooves for Steel Pipe Flanges
- B16.21 Nonmetallic Gaskets for Pipe Flanges
- B16.25 Buttwelding Ends
- B16.34 Steel Valves Flanged and Buttwelding End
- B18.21 Square and Hex Bolts and Screws
- B18.22 Square and Hex Nuts
- B31.1 Power Piping
- B31.2 Fuel Gas Piping
- B31.3 Chemical Plant and Petroleum Refining Piping
- B31.4 Liquid Petroleum Transportation Piping Systems
- B31.5 Refrigeration Piping Systems
- B31.7 Nuclear Power Piping
- B31.8 Gas Transmission and Distribution Piping Systems
- B31.10 Wrought-Steel and Wrought-iron Pipe

API STANDARDS-AMERICAN PETROLEUM INSTITUTE

- 6A Specification for Wellhead Equipment
- 6D Specification for Pipeline Valve
- 597 Steel Venturi Gate Valves, Flanged or Buttwelding End
- 598 Valve Inspection and Test
- 600 Steel Gate Valve, Flanged or Buttwelding Ends
- 602 Compact Steel Gate Valves
- 603 150-Lb, Light-Wall, Corrosion-Resistant Gate Valve for Refinery Use
- 605 Large Diameter Carbon Steel Flanges

MSS STANDARD PRACTICES-MANUFACTURES STANDARDIZATION SOCIETY OF THE VALVE AND FITTINGS INDUSTRY.

- SP-6 Finishes for Contact Faces of Connecting End-flanges of Ferrous Valves and Fittings
- SP-9 Spot- Facing Standard
- SP-25 Standard Making System for Valves, Fitting, Flanges and Unions
- SP-42 150Lb Corrosion Resistant Cast Flanged Valves
- SP-44 Steel Pipe Line Flanges
- SP-45 Bypass and Drain Connection Standard
- SP-53 Quality Standard for Steel Castings-Dry Particle Magnetic Inspection Method
- Sp-54 Quality Standard for Steel Castings-Radiographic Inspection Method
- Sp-55 Quality Standard for Steel Castings-Visual Method
- SP-61 Hydrostatic Testing of Steel Valves
- SP-67 Butterfly Valves
- SP-81 Stainless Steel Knife Gate Valves
- SP-82 Valve Pressure Testing Methods



6-1. Domestic Butterfly Valves / Ace Valve



**A Top-ranking company in the 21st century
by challenging the potential**

ACE VALVE has provided the best quality products by using accumulated technological knowhow and the most advanced machinery.
Now we challenge the whole world market of butterfly valve.





4

General Introduction

◆ COMPANY PROFILE

Company Name

· ACE VALVE COMPANY LIMITED.

President · Youn Hoe, Koo

Head Office & Factory

· 278-4, MANGDEOK-RI, JUCHON-MYUN,
GIMHAE CITY, GYUNGNAM, KOREA.
TEL : 82-55-329-0651~6 FAX : 82-55-329-0657/8
E-mail: acevalve@acevalve.co.kr
Http://www.ace-valve.co.kr

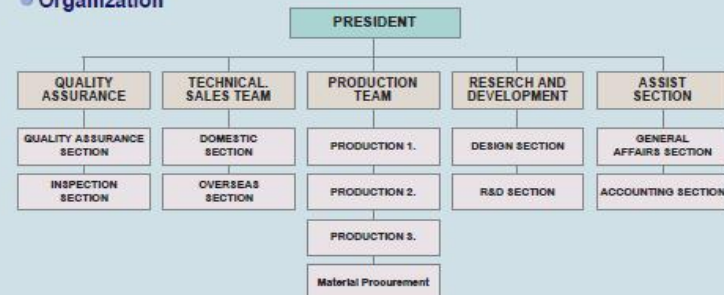


◆ Main Products

- Concentric Type Butterfly Valve for General Purpose
- Double Eccentric High-Performance Butterfly Valve
- Double Eccentric Type Cargo Oil Butterfly Valve
- Triple Eccentric Disc Sealed Butterfly Valve
- Cryogenic Butterfly Valve
- Metal Seat Butterfly Valve
- High Pressure / Temperature Gate Globe Valves
- Air Vacuum Relief Valve
- Resilient Seat Gate Valve
- Cryogenic Gate, Globe Valve
- Gas Shut off Valve in Electric Transformer
- Check Valves
- Other Special Valves
- Pipe Couplings, Dismantling joint
- Actuators



◆ Organization



6-2. Domestic Butterfly Valves / Ace Valve – Product

ACE VALVE PRODUCTS

All kinds of butterfly valves conform to KS, JIS, ANSI, API, DIN, BS and ISO
Now we challenge the whole world market of butterfly valve



▲ AV-B Series
Trunion type Ball Valve



▲ AV-B Series
Floating type Ball Valve



▲ Valve Remote Operation System
Control Console



▲ AV-TM Series
Triple Eccentric Metal
Seated Butterfly Valve



▲ AV-H, M, and F Series
High-performance
Butterfly Valve



▲ AV-E Series
Disc Seated
Butterfly Valve



▲ AV-O Series
Double Eccentric Cargo
Butterfly Valve



▲ AV-C Series
Concentric
Butterfly Valve



▲ AV-L Series
Cryogenic LNG - LPG
Butterfly Valve



▲ AV-L Series
Cryogenic
Gate Valve



▲ AV-L Series
Cryogenic
Globe Valve



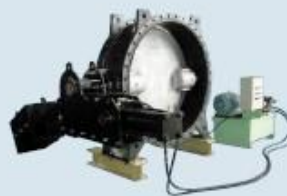
▲ AV-L Series
Cryogenic Swing
Check Valve



▲ AV-S Series
Gate Valve



▲ AV-G Series
Globe Valve



▲ AV-CK Series
Combined Check Valve



▲ AV-K Series
Dual Disc Wafer
Check Valve



▲ AV-D Series
Damper Valve



▲ AV-A Series
Air Valve



▲ AV-HA Series
Hydraulic Actuator
(Scotch Yoke Type)



▲ AV-RA Series
Hydraulic Actuator
(Rack & Pinion Type)



▲ AV-CP Series
Flexible Coupling

6-3. Domestic Butterfly Valves / Ace Valve – Certificate

발급번호: 1/1

기자재공급자 등록증

등록번호: J544
 업체명: 에이스 브이
 공장주소: 경남 김해시 주촌면내삼리 682-1
 규격: 발전설비 선정품목 해당규격 참조

NO.	품명	품명종류	유효기간
1	접합 밸브 (Butterfly Valve)	R	2012.11.12 ~ 2015.11.11

상기 업체를 중부발전의 협력업체 관리업무 편람에 의거
기자재등록자로 인증함.

2012.11.13

한국중부발전(주) 사장

* 인터넷으로 발급된 인증서이며, 한국중부발전(주) 홈페이지(www.komipo.co.kr)에서 원본 확인이 가능합니다.

발급번호: 1201-190-0009

영부품품 유자격공급자 등록증

등록번호: KSP2019-0009
 업체명: 에이스 브이
 공장주소: 경남 김해시 주촌면 내삼리682-1
 품명: Butterfly Valve
 규격: 전설(기타)
 자격유효기간: 2013.04.02 ~ 2016.04.01

상기 업체는 우리회사의 기자재공급자관리지침에 따라 실시한
결과 발전설비 영부품품 유자격공급자로 등록되었습니다.

2013.04.02

한국남부발전(주)

* 인터넷으로 발급된 인증서이며, 한국남부발전(주) 홈페이지(www.knps.co.kr)에서 원본 확인이 가능합니다.

발급번호: 1201-0001-0010-0009

선정품목 유자격공급자 등록증

업체명: (주)에이스브이
 품명: 접합밸브 (Butterfly Valve)
 공장주소: 경남 김해시 주촌면 내삼리
 인증장소: 수화력
 규격: 발전설비 선정품목 해당규격 참조

상기 업체는 우리회사의 기자재공급자관리지침에 따라
실시한 결과 발전설비 선정품목 기자재 공급 유자격자로
등록되었습니다.

2012. 04. 18

한국동서발전주식회사

대표이사 이길구

* 본 증명서는 한국동서발전(주) 인증서이며, 한국동서발전(주) 홈페이지(www.dsepp.co.kr)에서 원본 확인이 가능합니다.

발급번호: 1201-0001-0010-0009

선정품목 유자격공급자 등록증

등록번호: ND20090007
 업체명: (주)에이스브이
 대표자명: 국원희
 본사주소: 경남 김해시 주촌면 내삼리270-4번지

상기 업체는 아태물류에 대하여 우리회사의 발전설비 선정품목
유자격공급자로 등록되었습니다 증명함

NO	품명	품명종류	유효기간	교차유무
1	Butterfly Valve	R	2009.12.03 ~ 2012.12.02	

2010.10.11

한국남부발전(주)
KOREA SOUTH-EAST POWER CO.

* 본 증명서는 한국남부발전(주) 인증서이며, 한국남부발전(주) 홈페이지(www.knps.co.kr)에서 원본 확인이 가능합니다.

발급번호: 1201-0001-0010-0009

선정품목 유자격공급자 등록증

등록번호: WP20120443
 업체명: (주)에이스브이
 공장주소: 경남 김해시 주촌면 내삼리682-1
 규격: 발전설비 선정품목 해당규격 참조

상기 업체는 우리회사의 발전설비 선정품목 유자격공급자로
등록되었습니다

NO	품명	품명종류	유효기간	비고
1	Butterfly Valve	R	2012.11.12 ~ 2015.11.11	

2012. 11. 13

Cwp 한국서부발전(주)

* 본 증명서는 한국서부발전(주) 인증서이며, 한국서부발전(주) 홈페이지(www.westpower.co.kr)에서 원본 확인이 가능합니다.

발급번호: 1201-0001-0010-0009

선정품목 유자격공급자 등록증

등록번호: ND20130028
 업체명: (주)에이스브이
 대표자명: 국원희
 본사주소: 경남 김해시 주촌면 내삼리 2-2

상기 업체는 아태물류에 대하여 우리회사의 발전설비 선정품목
유자격공급자로 등록되었습니다 증명함

2013. 11. 13

한국남부발전(주)
KOREA SOUTH-EAST POWER CO.

* 본 증명서는 한국남부발전(주) 인증서이며, 한국남부발전(주) 홈페이지(www.knps.co.kr)에서 원본 확인이 가능합니다.

6-4. Domestic Butterfly Valves / Ace Valve – Certificate

Certificate of Ace valve

No.	Certificate	Name of certifying firm		Certificate	Name of certifying firm
1	ISO 9001 : 2008	Bureau Veritas Certification	9	China Classification Society (Certificate for Marine Product)	China Classification Society
2	ISO 14001 : 1996	Bureau Veritas Certification	10	Det Norske Veritas Type Approval Certificate (AV- O & H Series)	Det Norske Veritas AS
3	Certificate of Authority to use the Official API Monogram	The American Petroleum Institute	11	Det Norske Veritas Type Approval Certificate (AV - F Series)	Det Norske Veritas AS
4	PED 97/23/CE	SGS Portugal SA	12	Korean Register Type Approval Certificate	Korean Register of Shipping
5	GOST - R Certificate	Russian Register	13	LLOYD Type Approval Certificate	Lloyd's Register
6	ABS Certificate of Design assessment (AV- C,O & H Series)	American Bureau of Shipping	14	Nippon Kaiji Kyokai Certificate	Nippon Kaiji Kyokai
7	ABS Certificate of Design assessment (AV-F Series)	American Bureau of Shipping	15	RINA	Registro Italiano Navale
8	Bureau Veritas	Bureau Veritas	16	R.M.R.S	Russian Maritime Register of Shipping

7-1. Domestic Ball Valves / UA Valve

- Company Name : UA Valve Fluid Control Solution
- Date of establishment : 1998
- Business area : Ball valve manufacturer
- Website : <http://www.uatvalve.co.kr>
- Address : 1506-3 Seosam-ro, Chukdong-myeon, Sacheon-city, Gyeongsangnam-do, Korea



7-2. Domestic Ball Valves / UA Valve - Product

150LB-40" Ball valve Body 600LB-24" RB Ball valve



Trunnion type Ball valve 3-Piece type Ball valve

NO.	CUSTOMER	COUNTRY	DESCRIPTION	VALVE SIZE	QTY	REMARK	YEAR
65	SOUTH PARS	IRAN	DBB	2" 600#	5	MANUAL	2013
	GAS COMPLEX						
66	BMT	KOREA	BALL VALVE	2-1/2" 150# ~6"600#	14	BARE STEM	2013
67	KOMOTO	KOREA	BALL VALVE	10" 150#	2	BARE STEM	2013
68	SAMNAM PETRO CHEMICAL	KOREA	3-WAY BALL	3" 150#	1	BALL ONLY	2013
69	POSCO	KOREA	3-WAY BALL VALVE	50A 16K	8	BARE STEM	2013
70	KOMOTO	KOREA	BALL VALVE	2 1/2" 600#	2	ON-OFF	2013
71	KOMOTO	KOREA	BALL VALVE	2 1/2" 10K ~ 5" 10K	11	BARE STEM	2013
72	C-HESS	MAYLAISIA	DBB	4X3" 600#	4	WORM GEAR	2013
73	PEMEX REFINACION	MEXICO	TOP ENTRY BALL VALVE	3/4" 800# ~ 2" 800#	57	BARE STEM	2013
74	C-HESS	MAYLAISIA	BALL VALVE	2" 2500#, 3" 2500#	8	WORM GEAR	2013
75	KOMOTO	KOREA	BALL VALVE	150A 10K ~ 250A 10K	81	BARE STEM	2013
76	FEDERAL FLOW TECH	RUSSIA	MANUAL BALL VALVE	2" 5K ~ 4" 5K	60	MANUAL	2013
77	POSCO	KOREA	Segment Ball Valve	100A 10K	4	BARE STEM	2013
78	KCL	KOREA	BALL VALVE	2" 150# ~ 10" 300#	50	BARE STEM	2013
79	SAMSUNG ELLECTRONIC	CHINA	BALL VALVE	DN25 PN10 ~DN50 PN10	69	BARE STEM	2013
80	SAMSUNG ELLECTRONIC	CHINA	BALL VALVE	DN25 PN10 ~ DN10	2	ON-OFF	2013

8-1. Domestic Ball & Plug Valves / KCL

- Company Name : KCL Valve Co., Ltd.
- Date of establishment : 2001
- Business area : Ball & Plug Valve manufacturer
- Website : <http://www.kclvalve.com>
- Main office : #711, ACE Tower, 529-1, Gojan-dong, Danwon-gu, Ansan-Si, Gyeonggi-do, Korea
- Factory : 302-1, Mukbang-ri, Sangdong-myeon, Kimhae-city, Gyeongnam, Korea



 DAELIM Industrial	 SK E&C	 SK energy	 Daewoo E&C	 Daewoo Engineering	 OCI Materials
 KCC	 HANKOOK SILICON	 Toyo Engineering Korea Limited	 SAMSHIN Limited	 JEONGWOO Industrial Machine	 S&S VALVE
 OS VALVE	 SAMSUNG PRECISION	 KPL VALVE	 KUMWOO	 KEY VALVE	 SAMWON-SERA Engineering
 AUTOMA	 DK T.M.I	 HWASUNG VALVE	 SHINWOO VALVE	 SAMJIN ENG Co., LTD	
 OIEC (IRAN)	 Advanced (SINGAPORE)	 FEDERAL HARDWARE ENG'G (SINGAPORE)	 BUMI ARMADA (MALAYSIA)		
 PETRO VIETNAM (VIETNAM)	 IPSCO (GERMANY)	 FORMOSA (TAIWAN)	 GAS TECH (IRAN)		
 OGAPCO (Saudi Arabia)	 GMMOS GROUP				

8-2. Domestic Ball & Plug Valves / KCL - Product

Ball valve



Plug valve



150# 30" Ball



F53 Super duplex



NI-AL Bronze 3-P



Bellows seal Gate



300# 24" Ball

8-3. Domestic Ball & Plug Valves / KCL - Project & Certi



Samra Power station Phase-3



Jebel Ali-'M' (UAE)



Jebel Ali-'M' (UAE) - Pneumatic



South Pars (All KCL brand Export)



Qurayyah (3-piece Ball)



9-1. Domestic Actuator / HKC

Company Name	• HKC Co., Ltd
Foundation	• July . 09 . 1991
Capital	• 2.2 Billion KRW
Employees	• 56 persons
Location	• 5Ra-503, Sihwa Industrial Complex, 674-3, Sunggok-Dong, Ansan-shi, Kyonggi-do,
Major Bank	• Industrial bank of Korea
Web Site	• www.hkcon.co.kr

Major Products

- Electric Motor Actuator
- Rack & Pinion Pneumatic Actuator
- Heavy Duty Pneumatic Actuator
- Valve Position Monitor
- Declutch Gear Operator
- MOV system
 - Butterfly Valve
 - Globe Valve



9-2. Domestic Actuator / HKC - Product

Electric Motor Actuator



Description

Quarter-turn

Weatherproof (IP67/68)
Explosionproof (Eexd IIB T4 , Eexd IIC T4)
Fire Proofing

6 Kg.m ~ 300 Kg.m

DC 24V
AC 110/220V, 1PH
AC 380/440V, 3PH
Proportional type

Heavy Duty Pneumatic Actuator



Description

Symmetric / Canted

Standard : -20 °C To +80 °C
Low : -40 °C To +100 °C
High : -30 °C To +177 °C

495 Nm ~ 75,000 Nm (2.8 Bar ~ 7 Bar)

2.8 Bar to 7 Bar(40 to 100 Psig)
Max. : 10 Bar

Rack & Pinion Pneumatic Actuator



Description

Rack & Pinion / Scotch Yoke design

-20 ~ 150 °C

3.8 Nm ~ 4,373 Nm (2.5 Bar ~ 7.8 Bar)

Declutch Gear Operator



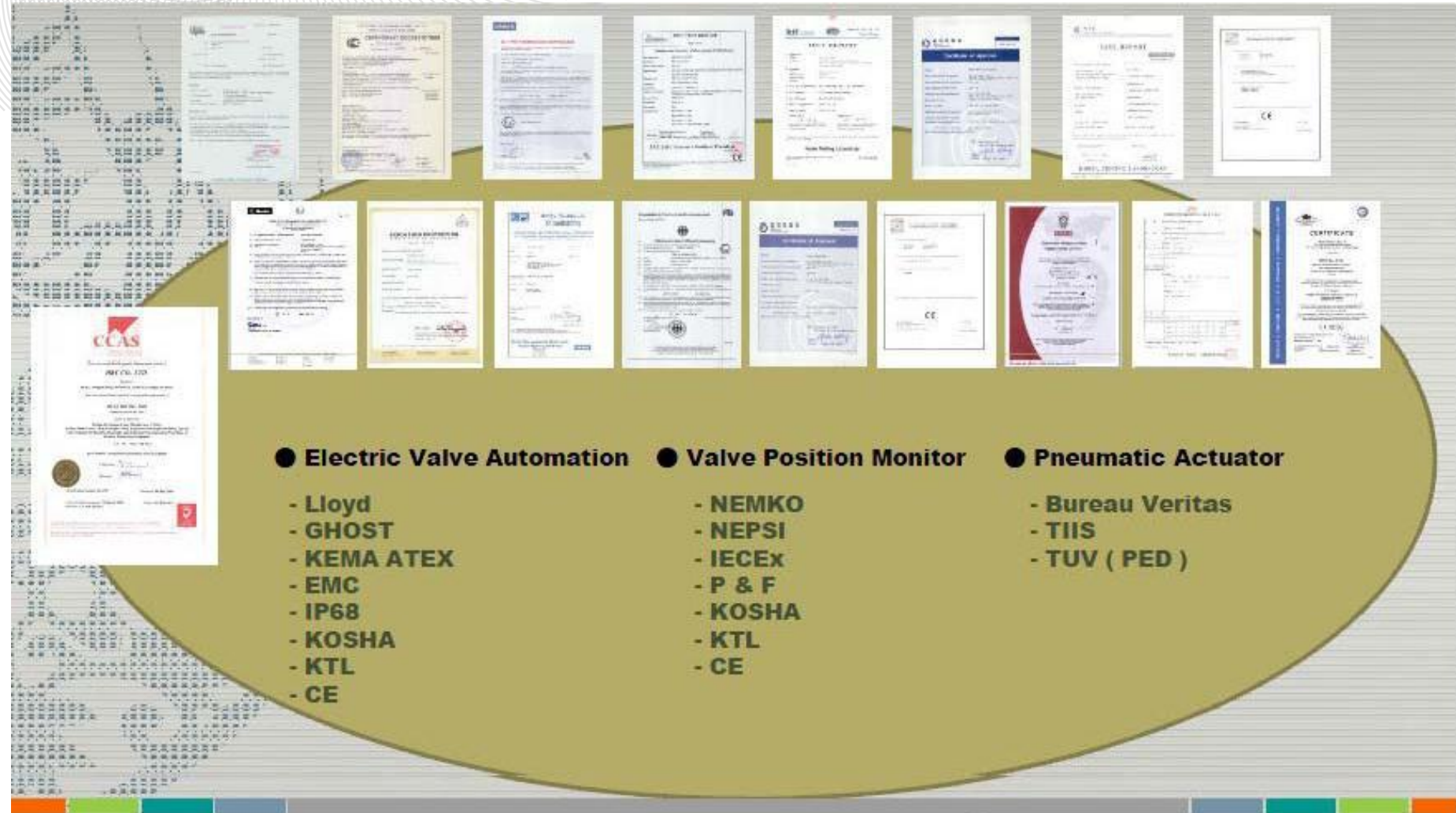
Description

Castriron , Aluminum housing

Waterproof (IP67)

12 Kg.m ~ 150 Kg.m

9-3. Domestic Actuator / HKC - Certificate



● Electric Valve Automation

- Lloyd
- GHOST
- KEMA ATEX
- EMC
- IP68
- KOSHA
- KTL
- CE

● Valve Position Monitor

- NEMKO
- NEPSI
- IECEx
- P & F
- KOSHA
- KTL
- CE

● Pneumatic Actuator

- Bureau Veritas
- TIIS
- TUV (PED)

9-4. Domestic Actuator / HKC - Certificate

발급번호: 1109-1105-029-0-1029

선정품목 유자격공급자 등록증

등록번호: ND20100031
 업체명: (주)에치케이씨
 대표자명: 한성민
 본사주소: 경기 안산시 상록동674-3번지 5라 503

상기 업체는 아래품목에 대하여 우리회사의 발전설비 선정품목 유자격공급자로 등록되었음을 증명함

순	종	명	발행일자	유효기간	교차내용
1	Electric Actuator		2010.04.26	2013.04.25	

부 록: 1. 발전설비 선정품목 계약규격 참조

2010.05.28

한국남동발전(주)
KOREA SOUTH-EAST POWER CO.

한국남동발전(주) e-Procurement 홈페이지(http://ksp.co.kr)에서 등록사실을 확인할 수 있습니다.

발급번호: 10-33-0001-0033-1003

선정품목 유자격공급자 등록증

등록번호: WP20070019
 업체명: (주)에치케이씨
 공장주소: 경기 안산시 상록동시화공단 4바 720호
 규격: 발전설비 선정품목 해당규격 참조

상기 업체는 우리회사의 발전설비 선정품목 유자격공급자로 등록 되었음

순	종	명	발행일자	유효기간	비고
1	Electric Actuator		2007.12.06	2010.12.04	

2007.01.05

한국서부발전(주)

한국서부발전(주) 홈페이지(http://www.westkoreapower.co.kr)에서 등록사실을 확인할 수 있습니다.

명부품목 유자격공급자 등록증

등록번호: KSP 2007-00017 업체코드: A727
 업체명: (주)에치케이씨
 공장주소: 경기 안산시 상록동시화공단 4바 720호

품명: Electric Actuator
 운용구분: 발전
 처리유효기간: 2006.12.31 - 2009.12.31

상기 업체는 우리회사의 기자재공급자관리제도에 따라 실시한 결과 발전설비 명부품목 유자격공급자로 등록 되었음.

2007.01.19

한국남부발전(주)

한국남부발전(주) 홈페이지(http://www.southeastkorea.com)에서 등록사실을 확인할 수 있습니다.

9-5. Domestic Actuator / HKC - Experience

- CUBA 700 Kw Packaged Power Station in CUBA
- IRAQ HIL CASA
- Nicaraguq ALBANISA
- Chile Bio Bio
- Dominican Electrom
- BRAZIL Alcoa
- South America Nicaraguq
- South America HHI/Ventech 8.5MW PPS
- South America HHI/Tongchen 6.8MW PPS
- South America HHI/Namibia 10MW PPS
- Honduras Roatan
- China Hynix in China



- Kepco Thermal power plant # 5,6
- Kepco Nuclear power plant
- Posco Gwang-Yang # 3,4 TRP facility
- Posco Gwang-Yang MCL military facility
- Posco Gwang-Yang # 6 CGL setting
- Samsung Suwan R4
- Samsung Hwasung NRD
- Daewoo-shipbuilding marine eng Goo2 (Royal Dock-3)
- Daewoo-shipbuilding marine eng NA91 (Floating Dock)
- Daewoo-shipbuilding marine eng Goo1 (3600 Ton Crane Barge)
- Daewoo-shipbuilding marine eng DSME - G007 (LNG)

1-1. Overseas General Valves / Virgo

➤ Company Name: Virgo Engineers Group

➤ CEO: Mr. Jagdish Desai



➤ Date of establishment : 1986

➤ Business area : BALL valve manufacturer

➤ Website : <http://www.virgo-valves.com>

➤ Main office : 277 Hinjewadi Phase II, Maan (Mulshi), India
TEL 91-20-6674-4000

Providing world class valve solutions.



Virgo Automation



1-2. Overseas General Valves / Virgo

- Abu Dhabi Gas Industries Ltd. (Gasco)
- Abu Dhabi Gas Liquefaction Company Limited (ADGAS)
- Abu Dhabi Marine Operating Co. (ADMA-OPCO)
- Abu Dhabi Company for Onshore Oil Operations (ADCO)
- Abu Dhabi Oil Refining Co. (Takreer)
- Bahrain Petroleum Company (BAPCO)
- British Gas India
- Brunei Shell Petroleum Company (Sendirian Berhad)
- Chevron Corporation
- Dolphin Energy Limited
- Dragon Oil (Turkmenistan) Ltd.
- Dubai Petroleum Est / Dubai Natural Gas Co, UAE
- Kuwait National Petroleum Co.
- Kuwait Oil Co. KSC (KOC)
- Egyptian General Petroleum Corporation (EGPC)
- Exxon
- Occidental Petroleum (Oxy)
- Oil & Natural Gas Corporation (ONGC)
- Oman Gas Company
- Pemex, Mexico
- Petroleum Development Oman LLC (PDO)
- Petrobras, Brazil
- Petronas, Malaysia
- Qatar Gas Limited
- Qatar Petroleum
- Reliance Industries Ltd.
- Sabc Services Ltd.
- Sasol Technologies Limited
- Saudi Aramco
- Shell Global Solutions-Worldwide
- Syncrude, Canada
- Zakum Development Company (ZADCO), UAE



Principals & Products:

Principal Code:

Name:

Action:

Product Group ID	Description	Action	Accepted?
182405	VALVES - BALL - API 6A	Add	Y

Please note that at the time of release of enquiries, a further short listing takes place based on the specific scope of work.

You are advised to quote your ADMA registration code **10218** in all future correspondence.

2-1. Overseas General Valves / Shalimar

- ✦ Company Name: Shalimar Valves Pvt Ltd
- ✦ CEO: Mr. Mayur Raj
- ✦ Date of establishment : 1977
- ✦ Business area : Valve manufacturer
- ✦ Website : <http://www.shalimarvalves.com>
- ✦ Main office : Plot no. R-846/1, TTC Industrial Area, MIDC Rabale, Navi Mumbai, India
TEL 91-22-2764-2546 FAX 91-22-2760-5551
- ✦ Factory : Mumbai, Rabale(Navi Mumbai), Hubli, Kuwait and UAE



Shalimar Valves Pvt. Ltd.
Plot No. R-846/1, MIDC, Rabale, TTC Industrial Area,
Navi Mumbai - 400701, Dist Thane, India.
Tel: +91-22-27642546/7/8 • Fax: +91-22-27605551/3
Email: contact@shalimarvalves.com, svpl@bom3.vsnl.net.in
www.shalimarvalves.com



2-2. Overseas General Valves / Shalimar - Agency



PLOT NO. R-846/1, MIDC-TTC INDUSTRIAL AREA, RABALE, NAVI MUMBAI-400 701, INDIA
T : +91-22-27642546/7 • F : +91-22-27605551/3 • E : svpl@bom3.vsnl.net.in • W : www.shalimarvalves.com

Date: 15th June, 2012

To,
WENGNT LTD
(World Engineering Corporation)
2nd Floor, 189
Kachisanro, Kang Seo Gu,
Seoul, Korea

REPRESENTATIVE LETTER

This is hereby authorize WENGNT LTD, Korea to present our entire range of products & to promote the same in territory in Korea.

The validity of representation is for a period of 1 year from the date of appointment and shall be extended on basis of mutual agreement.

AGENCY AGREEMENT

This agreement is entered into between **M/s. SHALIMAR VALVES PVT. LTD** having its registered office at Plot No. R-846/1, MIDC-TTC Industrial Area, Rabale, Navi Mumbai 400701 henceforth referred to as the **FIRST PARTY** and **WENGNT LTD** (World Engineering Corporation) having its office at 2nd Floor, 189, Kachisanro, Kang Seo Gu, Seoul, Korea henceforth referred to as the **SECOND PARTY**. This agreement is effecting from 15th June, 2012 and is applicable for business dealings for the territory of Korea.

Whereas the **FIRST PARTY** has agreed to appoint **SECOND PARTY** for availing their services to market their products on the terms and conditions as mentioned below.

RULES AND REGULATIONS

- All provisions of this agreement are subject to prevailing statutory and other regulations in Korea and to the requirement of respective exchange control and trade authorities as applicable in Korea from time to time.
- The Agent commits that he will promote Principal's products with the customer and will not in any way promote similar products of any other suppliers during the tendency of this Agreement.

Shalimar Valves Pvt. Ltd.


Mayur Raj
Director

Agent Confirmation:
WENG&T INC.


Seo Joon Park (Si Chul Park)
President



PLOT NO. R-846/1, MIDC-TTC INDUSTRIAL AREA, RABALE, NAVI MUMBAI-400 701, INDIA
T : +91-22-27642546/7 • F : +91-22-27605551/3 • E : svpl@bom3.vsnl.net.in • W : www.shalimarvalves.com

MOU between WENGNT Ltd. and Shalimar Valves Pvt. Ltd.

People present:

Date 15 June 2012

Mr. Joony Lee - WENGNT LTD
Ms. Madhura Rao - Shalimar Valves Pvt. Ltd
Mr. Mayur Raj - Shalimar Valves Pvt. Ltd

Memorandum of understanding

This is to hereby confirm the following:

- It is agreed that WENGNT and Shalimar shall enter into a joint venture by September 2012.
- The initial quarter starting from this date onwards, WENGNT shall promote Shalimar in various EPC companies in South Korea. They shall work towards gaining as much business as possible. WENGNT shall facilitate the registration of Shalimar with companies like STX, Daewoo, Daelim, Hyundai, Hanwa, Thalwoori etc.
- The joint venture is set up with the following purpose:
 - WENGNT is willing to invest in a small and basic plant to assemble, test and supply valves to the Korean EPC companies. These valves shall be basically manufactured in any one for the plants of Shalimar. The final assembly and testing shall be done in Korea by the joint venture.
 - WENGNT are willing to invest in basic machines, in working capital etc. It has been agreed that for the first two years, once every quarter, there shall be people from Shalimar visiting Korea or WENGNT people visiting India for training and coordination of the plant in Korea. All investment pertaining to this has been agreed by WENGNT.
 - Ultimately the valve ended to be sold as MADE in KOREA. This means that the valves in knocked down condition shall have to be imported by the JV company in Korea and the final assembly shall take place there.
- The exact shareholding pattern of the JV firm shall be disclosed by WENGNT after consulting their lawyers in Korea.
- WENGNT-Shalimar entity shall have the legal formation in Korea.

Agent Confirmation:
WENG&T INC.


Seo Joon Park (Si Chul Park)
President


Mr. Mayur Raj
(SHALIMAR VALVES PVT. LTD)

2-3. Overseas General Valves / Shalimar - Certificate

Certification

1. American Petroleum Institute(API)-API 6D, API 6000, API SPEC Q1
2. DUAL ISO: 9001-2008 (API, MOODY'S INTERNATIONAL
3. OHSAS 18000: 2007
4. "CE" Marking(Certificate No.90001) under the requirements of Council Directive 97/23/EC, module H
5. Fire safe test certificate

Approvals

1. PDO(petroleum Development of Oman, Qatar petroleum
2. KNPC, KOC, ARAMCO
3. SYRIAN PETROLEUM, TAKREER
4. ADGAS(Abu Dhabi Gas Liquefaction Limited)
5. ADCO(Abu Dhabi Company for Onshore Oil Operations)
6. ZADCO(Zakum Development Company-UAE) ETC.



3-1. Overseas General Valves / Wuzhou

Innovative
Wuzhou
opens up
the future

- ✦ Company Name: WUZHOU VALVE CO., LTD.
- ✦ Business area : Valve manufacturer
- ✦ Website : <http://www.wuzhou-valve.com>
- ✦ Main office : Yongqiang High & New tech Industry District, Wenzhou, Zhejiang, P.R. China

TEL 86-577-86922139 FAX 86-577-86935224

WUZHOU INTRODUCTION

www.wuzhou-valve.com



WUZHOU VALVE CO.,LTD.

3-2. Overseas General Valves / Wuzhou - Product

Ball valve

Gate valve

Check valve

Globe valve

Butterfly valve

Slurry valve

Cryogenic valve



3-3. Overseas General Valves / Wuzhou – Experience/ Certificate



China Petroleum
CNOOC
SINOPEC
Gazprom
GE Oil & Gas
P.D.O

SHELL
Petronas
EIL
CHALCO
CHINA SHENHUA
AMEC Engineering



4-1. Overseas General Valves / BOTELI

Boteli Valve Group, a private-owned company established in 1998, today it becomes one of the leading manufacturers of industry valves in China and provides complete solutions for flow control.



4-2. Overseas General Valves / BOTELI - Products



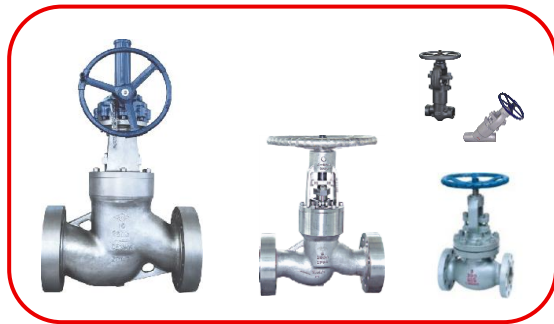
Ball Valve (Split Body & Welded Body)



Gate Valve (Wedge, Slab & Expanding Gate)



Butterfly Valve & Special Valve



Globe Valve (Straight & Y-Pattern)



Check Valve (Swing, Piston & Dual-Plate)



Cryogenic Valve (Gate, Globe & Ball Valve)

5-1. Overseas General Valves / TEER

TEER



- PETRONAS MALAYSIA
- NOV DUBAI
- BP IRAQ
- PDVSA & PEQUIVEN VENEZUELA
- PEMEX MEXICO (OEM BRAND)
- NIOC IRAN
- NIGC
- PDO
- ENPPI EGYPT
- SABIC SAUDI (OEM BRAND)
- AGIP (OEM BRAND)
- GE NUOVO PIGNONE
- SHELL (OEM BRAND)
- PERENCO PERU
- OOCEP (OMAN)
- FLUOR
- PETRONASH, WORLEY PARSONS, MAPNA,CCED.
- UNDER PROCESSING COMPANY:
GASCO, ADMA, ADCO, ADNOC, KOC,
KNPC & PIC, EIL & RELIANCE,CHIYODA

1



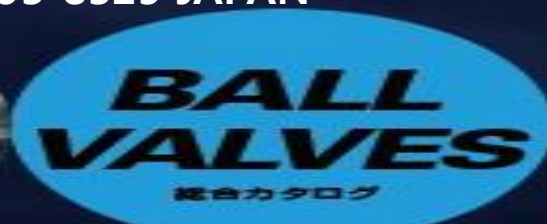
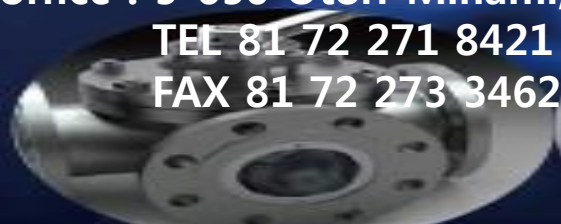
5-3. Overseas General Valves / TEER - Experience

PROJECT NAME	SPECIFICATIONS OF VALVES SUPPLIED			Q'ty
Rumaila Iraq	Ball valves	3" and below	CL 150	1386
Rumaila Iraq	Ball, Check	4"-18"	CL 900	677
Manufacturer Skids and modules	Ball valves	2" to 16"	CL 150 and 300	300
Sultanate	Ball, Gate,globe and check	4" to 16"	CL 150 to 600	766
Philippines Shell	Ball	2"-24"	CL150 to 900	1240
Kuwait Oil Company	Ball, GGC	3/4"-36"	CL150 to 900	450
Kuwait Oil Company	Ball, GGC	1/2"-2"	CL 125 to 800	629
PDO	Ball	1/2"-2"	CL 600 to 1500	225
PDO	Ball	4"-10"	CL600 to 900	42
PDO	Ball	2"-6"	CL150 to 300	68
PDO	Ball, GGC	1/2"-18"	CL150 to 600	115
PDO	Gate, Globe	2"-20"	CL150 to 600	100
Oil Refineries and Petroleum Industries Company	Ball, Globe	2"-4"	CL 600	51

6-1. Overseas Special Valve / NBV

Quality & Trust

- ◆ Company name : Nippon Ball Valve Co., Ltd.
- ◆ Business area : Valve manufacturer (Divert Ball Valve)
- ◆ Main office : 5-650 Otori-Minami, Nishi-Ku, Sakai, Osaka 593-8325 JAPAN
TEL 81 72 271 8421
FAX 81 72 273 3462
- ◆ Tokyo Branch : Nissay Kawasaki BLDG. 10FL 1-1 Minami-Machi , Kawasaki-Ku,
Kawasaki, Kanagawa 210-0015 JAPAN
TEL 81 44 223 1537
FAX 81 44 223 1623



6-2. Overseas Special Valve / NBV - Product

Metal Touch 2-Way Ball Valve



Metal Touch 3 & 4 Way Ball Valve

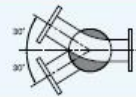


Metal Touch 5 & 8 Way Ball Valve



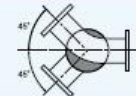
Metal Touch Diverter Ball Valve

103F-Y60



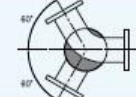
ストレート→左右 30° ずつの振り分け
Straight → Left/right divergence of 30°

103F-Y90



ストレート→左右 45° ずつの振り分け
Straight → Left/right divergence of 45°

103F-Y120



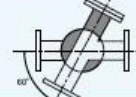
ストレート→左右 60° ずつの振り分け
Straight → Left/right divergence of 60°

103F-SR



ストレート→右 60° の振り分け
Straight → Right divergence of 60°

103F-SL



ストレート→左 60° の振り分け
Straight → Left divergence of 60°

103F-BSR



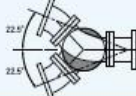
湾曲ストレート→右 45° の振り分け
Curve straight → Right divergence of 45°

103F-BSL



湾曲ストレート→左 45° の振り分け
Curve straight → Left divergence of 45°

103F-BY



ストレート→左右 22.5° ずつの振り分け
Straight → Left/right divergence of 22.5°

