



# **KPL Valve**

*Pre-Qualification*



# Company overview

1. General Overview
2. Brief History
3. Organization Chart
4. Production Equipments
5. Quality System Certificate
6. Applications

# 1

## Company Overview

### General Overview





◆ Land Area	:	4,500m <sup>2</sup>
◆ Manufacture Facilities	:	2,780 m <sup>2</sup>
◆ Amenities Area	:	2,067 m <sup>2</sup>

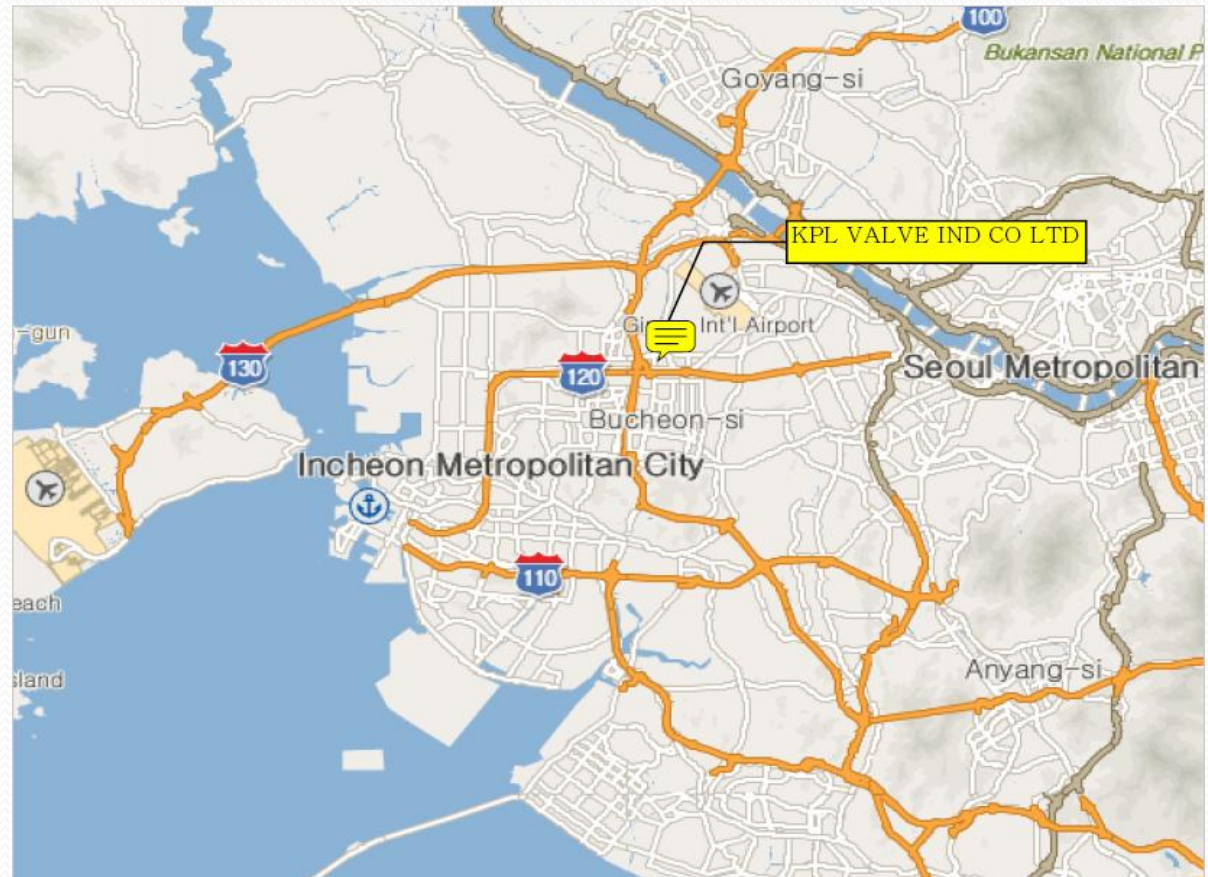
# Location of KPL

Address : (Ojeong-dong), 84, Saneop-ro, Ojeong-gu, Buchon-si, Gyeonggi-do, KOREA

TEL : 82-32-673-4413~5 / FAX : 82-32-673-4416

Email : [sales@kplvalve.com](mailto:sales@kplvalve.com), [kplvalve@hanmail.net](mailto:kplvalve@hanmail.net)

HOME PAGE : [www.kplvalve.com](http://www.kplvalve.com)



# General Overview

- ◆ Establishment : 2000.04
- ◆ Brand : KPL(Korea Pipe Line)
- ◆ Location :
  - ※ Head Bucheon-Si, Gyeonggi-Do, Korea
  - ※ Factory Seoul Office Guro-Gu, Seoul, Korea
- ◆ Employee : 40
- ◆ Capacity : 150,000 pcs / year
- ◆ Sales in 2019 : 5.0 Million US\$
- ◆ Sales in 2018 : 5.0 Million US\$
- ◆ Sales in 2017 : 5.0 Million US\$
- ◆ Sales in 2016 : 9.0 Million US\$
- ◆ Sales in 2015 : 9.3 Million US\$
- ◆ Sales in 2014 : 11.8 Million US\$
- ◆ Sales in 2013 : 15.2 Million US\$

# 2

## Company Overview

### Brief History



# Brief History

- ◆ 2000.04 : Established HS valve co.
- ◆ 2002.08 : Certified Fire-Safety test for ball valve from VELOSI INTERNATIONAL
- ◆ 2005.11 : Changed to “KPL Valve Ind. Co., Ltd”
- ◆ 2006.04 : Certified ISO 9001
- ◆ 2006.08 : Certified API Q1 SPEC.6D
- ◆ 2009.08 : Renewed API Q1 SPEC.6D
- ◆ 2009.11 : Registered by PETRONAS in Malaysia
- ◆ 2009.12 : Registered by Hyundai Engineering & Construction Co., Ltd  
(Alkhalij & Tripoli Power Plant, Tube & Tube Fitting)
- ◆ 2010.03 : Registered by Hyundai Heavy Industry Co., Ltd  
(Supplied Sabiya CCGT & Riyadh PP11, DBB Valve )
- ◆ 2010.04 : Obtained “Certificate of Gas Appliance (Ball Valve) by K.G.S.C”
- ◆ 2010.05 : Renewed ISO 9001



# Brief History

- ◆ 2010.05 : Moved New Factory (Ojeong Industrial Complex)
- ◆ 2011.08 : Supply OCI Poly silicone P4 BALL VALVE (METAL & SOFT SEAT)
- ◆ 2011.09 : Supply HKS Poly silicone P2 BALL VALVE (METAL & SOFT SEAT)
- ◆ 2012.06 : Obtained “Certificate of Manufacture Registration of Specific Equipment by K.G.S.C”  
(Pipe Line Ball Valve of Toxic Gas)
- ◆ 2012.08 : Renewed API 6D
- ◆ 2013.04 : Certified ISO 14001
- ◆ 2015.06 : Registered by NIGC in IRAN
- ◆ 2016.04 : Renewed ISO 9001 & 14001
- ◆ 2017.05 : Issued ISO 9001 by KGSC
- ◆ 2018.09 : Renewed API 6D

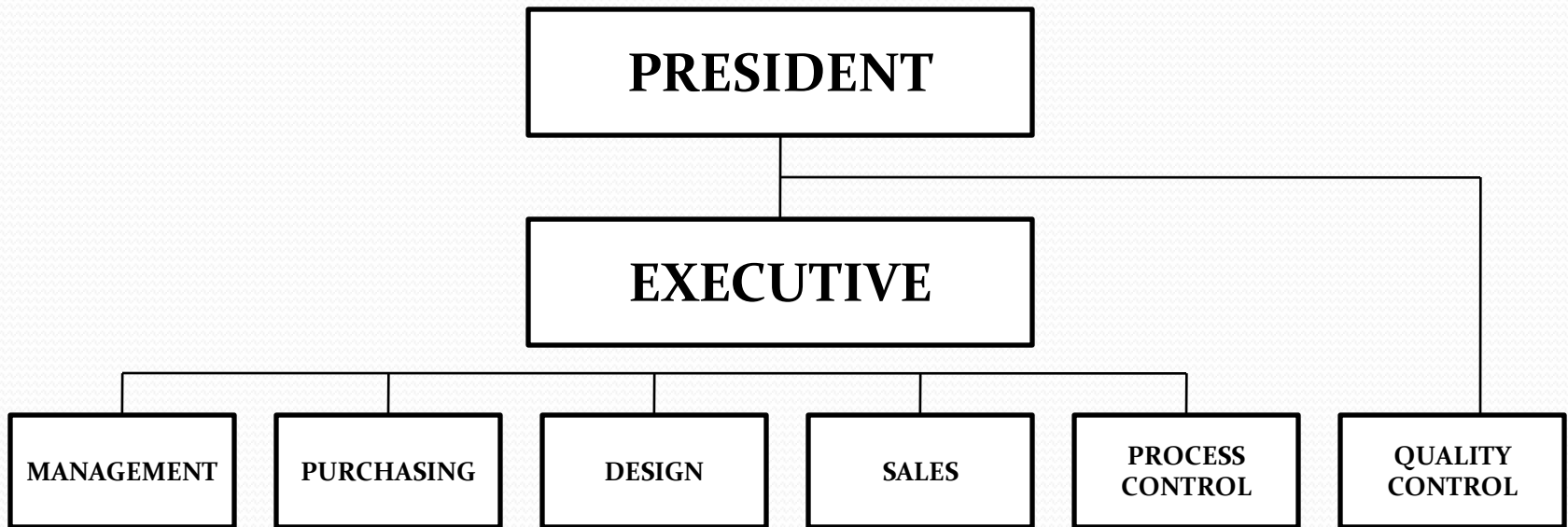
# 3

## Company Overview

### Organization Chart



# Organization Chart



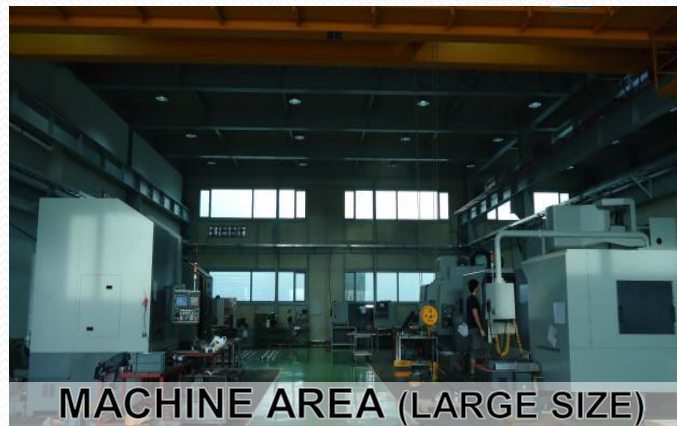
# 4

## Company Overview

### Production Equipments



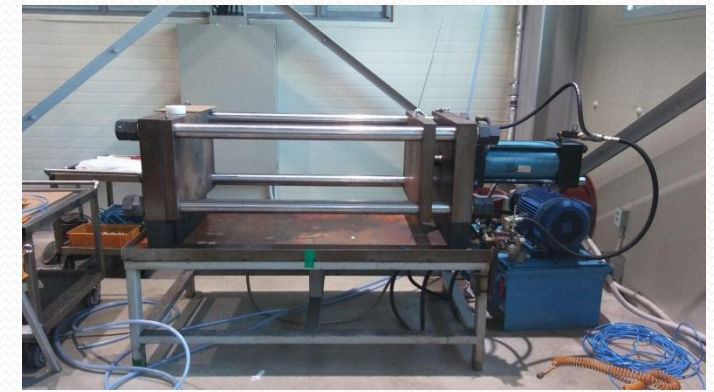
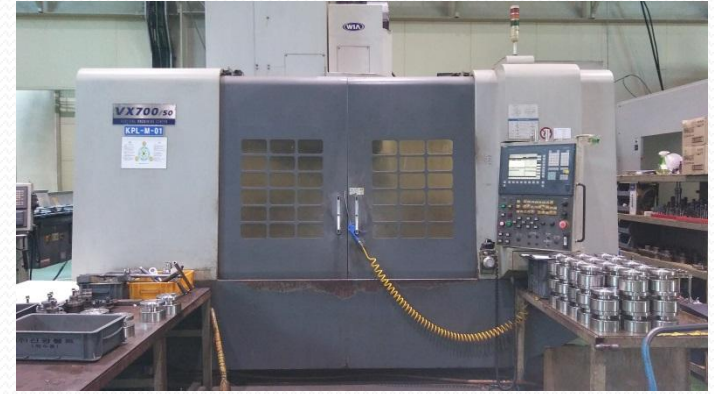
# Production Equipments



# Test Equipments



# Production Equipments



MCT & TEST EQUIPMENT

# Test Equipments



PRESSURE TEST





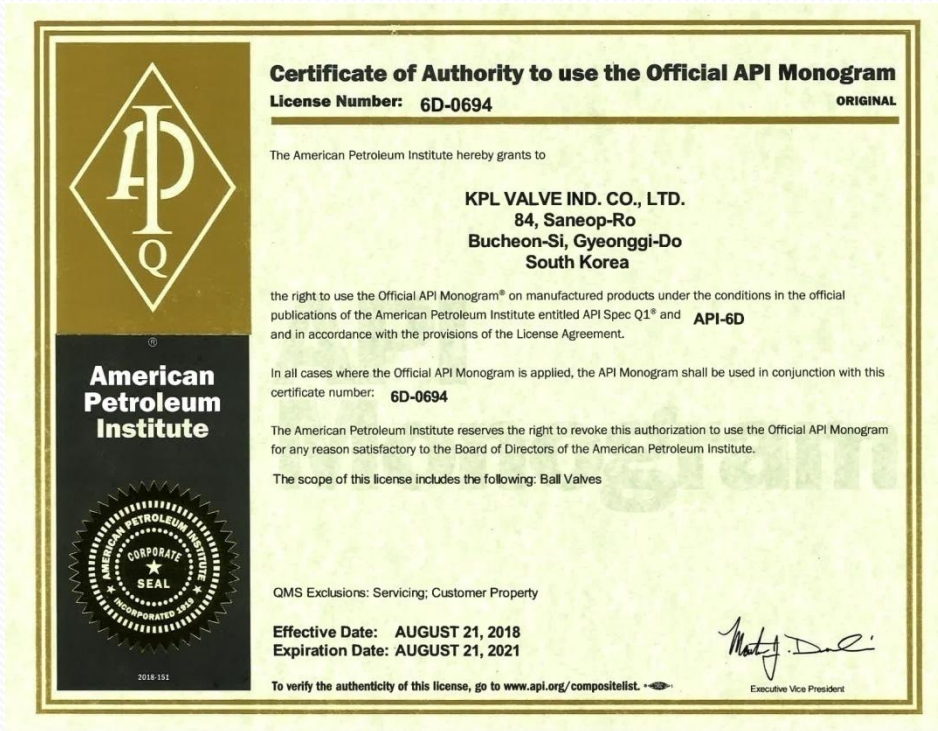
# 5

Company Overview

Quality System Certificate



# Quality System Certificate

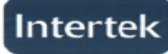


◆ **API Q1/6D :**  
American Petroleum Institute



◆ **ISO 9001 : KGS CORPORATION**  
(Quality Certification)

# Quality System Certificate



**CERTIFICATE**

for Fugitive Emission Test for Screw End Floating Ball Valves

CERTIFICATE NO. : MIK-KPL-01

DATE: 20-Nov -2015

This certificate is issued to Messer's. KPL Valve Ind. Co., Ltd. to certify that the undersigned surveyor attended at their Buchon works on the above date for the purpose of witnessing fugitive emissions type test for the undernoted valve.

**ISSUED TO:**

KPL Valve Ind. Co., Ltd.

MANUFACTURER:

KPL Valve Ind. Co., Ltd.

REF. NO.

LOCATION OF INSPECTION:

Buchon-si, Korea

INSPECTION DATE(S)

18-Nov-2015 ~ 20-Nov-2015

**DESCRIPTION OF COMMODITY**

Screw Valve Type : Isolating Valve (SCR'D End / Extended Bonnet Type / Floating Ball Valve)  
 Size : NPS 3/4" (20A, DN20)  
 Stem Diameter : 16mm  
 Class Rating : Class 800  
 Drawing No. : AB2NF-80052-BMT Rev.0  
 Material : Body & End Cap (A182-F91), Ball & Seat (A276-316+CCC),  
 Stem (UNS N08810), Body Gasket (Spiral Wound(S.P.W))  
 Stem Packing (Graphite-VOC Packing), O-Ring (VITON)  
 Test Report Doc. No. : FET-TR-20151120-01

The above valve was subjected to the fugitive emissions test in accordance with the requirements of ISO 15848-1 : 2015 (E) Second Edition. During the test, all parameters as required by ISO 15848-1 : 2015 (E) Second Edition were checked and recorded, and the performance classes were as below;

Tightness Class : CH  
 Endurance Class : CO1  
 Temperature Class : tRT to t400°C  
 Test Pressure : 138 barg at tRT and 98 barg at t400°C  
 Stem Seal Adjustment : None

On the basis of the survey undertaken, the aforementioned valve has been found to test in comply with the requirements of ISO 15848-1 : 2015 (E) Second Edition and to the best of his knowledge and belief above performance classes found satisfactory.

Joon-O, Rstfk / KR-0130  
 Intertek Korea Industry Service Ltd.

Moody International Room#E16 Yoido Department Bldg, 36-2 Yoido-dong, Youngdeungpo-gu PO BOX 236 SECUL 150-749 Korea, Republic of Telephone: +82-2-780-6496 Fax: +82-2-784-1436 E-Mail: [ackmin@intertek.com](mailto:ackmin@intertek.com) Website: [www.intertek.com](http://www.intertek.com)

제 2009-3860212-04-1-00003 호

처리부서명	지역경제과
담당자명	민영기
전화번호	032-625-2711

(액화석유가스 가스용품제조사업) 허 가 증

① 사업의 종류 및 대상 범위	액화석유가스 가스용품제조사업		
② 상호	케이피엘 밸브공업 주식회사		
③ 사업소 소재지	경기도 부천시 오정구 오정동 739번지 4호		
④ 성명(대표자)	이종하	⑤ 생년월일	1962년 06월 03일
⑥ 가스용품의 종류 및 규격	배관용밸브(그 밖의 배관용 밸브)		

「액화석유가스의 안전관리 및 사업법」 제3조제1항, 제2항 또는 제6조제1항 및 같은 법 시행규칙 제9조제1항에 따라 위와 같이 허가합니다.

2011년 01월 04일

경기도 부천시



◆ 15848-1 : Fugitive Emission  
 MIK-KPL-01 by MOODY

◆ License for Liquid Oil & Gas Goods

# Quality System Certificate in Korea


제 2016-0332181 호			
<b>완 성 검 사 증 명 서</b>			
① 상 호	케이피엘밸브공업(주)	② 사업의 종류	가스용품제조
③ 사무소 소재지		④ 대표자	이종하
⑤ 사업소 소재지	경기 부천시 오정구 산업로 84		
⑥ 검사원 성명	김상우	⑦ 검사 연월일	2016.08.18
⑧ 차기 검사일	그밖의매관용밸브(볼밸브), 8A-600A, (CLASS150-CLASS2500)		
「액화석유가스의 안전관리 및 사업법」 제18조제2항·제19조제1항 및 같은 법 시행규칙 제28조제6항·제29조제6항에 따라 액화석유가스 가스용품 제조시설의 완성검사증명서를 발급합니다.			


제 2014-0115948 호			
<b>완 성 검 사 증 명 서</b>			
① 상 호	케이피엘밸브공업(주)	② 사업의 종류	특정설비제조
③ 사무소 소재지		④ 대표자 성명	이종하
⑤ 사업소 소재지	경기 부천시 오정구 산업로 84		
⑥ 검사원 성명	강완섭	⑦ 검사 연월일	2014.04.09
⑧ 차기 검사일			

「고압가스 안전관리법」 제16조제3항, 제16조의2제1항 및 같은 법 시행규칙 제28조제5항, 제30조제6항에 따라 고압가스 특정설비의 제조시설의 완성검사증명서를 발급합니다.

2014년 04월 10일

발급지사명(주소) : 경기서부지사 (경기 부천시 소사구 경인로 519 역곡B/D 5층)  
 담당부서 : 검사2부 ☎ (032) 345-0019

**한국가스안전공사** 

제 2012-3860212-16-5-00002호			
(Certificate No.)			
<b>특정설비제조 등록증명서</b>			
Certificate of Manufacture Registration of Cylinder(Refrigerator & Specific Equipment)			
사업의 종류(Business Type)	특정설비제조		
상호(Company Name)	케이피엘 밸브공업(주)		
사업소 소재지(Office Address)	부천시 오정구 오정동 739-4		
성명(대표자)(Name of Representative)	이종하	생년월일(The date of birth)	1962. 06. 03.
용기·냉동기·특정설비(Cylinder, Refrigerator, Specified Equipment)	종류(Type)	규격(Standard)	
	특정설비	특정가스매관용 밸브	
「고압가스 안전관리법」 제5조제1항 및 같은 법 시행규칙 제6조제1항제3호에 따라 특정설비의 제조등록을 마쳤으므로 특정설비제조 등록증명서를 발급합니다. [This certificate is granted for completing the manufacture registration under Article 5(1), Article 5-2(1) or (2) of the High-Pressure Gas Safety Control Act and Article 6(1)3 of the Enforcement Rule there of]			
2012년 6월 13일 (Year) (Month) (Date)			
유효기간 : (Valid Period) :			
부 천 시 장			

◆ **Certificate of Manufacture Registration of Cylinder (Refrigerator & Specific Equipment) (Toxic Gas)**

# Quality System Certificate



**VELOSI INTERNATIONAL**  
KOREA



THE WORLDWIDE INSPECTION, EXPEDITING AND PROCUREMENT SPECIALISTS

## FIRE TEST CERTIFICATE

Certification No. : FTC-KPL-20120810-BALL001  
Ref. Test Report No. : KPL-FBV-Ferrite-2"-150#-1

This is to certify that the below materials have been inspected by Velosi Korea and found to be satisfactory in the Fire Test in accordance with API 607, 6th edition / EN ISO 10497 : 2010(E).

Manufacturer : KPL VALVE IND. CO., LTD.  
Head Office : 739-4, Ojeong-dong, Ojeong-gu, Bucheon-city, Kyunggi-do, Korea  
Location of Test : 739-4, Ojeong-dong, Ojeong-gu, Bucheon-city, Kyunggi-do, Korea

### 1. Description of Test Valve :

Valve Model No.	KA-A-2-A-03-F01-P-P
Valve Drawing No.	ABRP-1505-PL-PT-2
Type of Test Valve	Ball Valve
Description of Test Valve	2pcs Body, Full Bore, PTFE Seat, Flange
Valve Size (NPS)	NPS 2
Pressure Rating (ANSI Class)	150#
Valve Body Material	ASTM A105
Valve Seat Material	PTFE
Date of Test	July 30, 2012

### 2. Qualified Range of Valve :

Qualified Sizes (NPS)	2" and below, 2-1/2", 3", 4"
Qualified Pressure Ratings (ANSI Class)	#150, #300
Qualified Valve Material	Ferritic

This certificate is issued in accordance with API 607, 6th edition / EN ISO 10497 : 2010(E), based on the result of test report on above mentioned test valve. For detailed report of tested valve, see the Appendix 1 Fire Test Report of this certificate. The additional valve qualification shall be limited on the valves according to para 7 requirements.



  
**Hee-Hyun Kim**  
 President

Velosi International - Korea  
Date : 10th of August 2012

Industry & Facilities Division

**INSPECTION REPORT Nr 6041408-IR-01**

BV Job nr : 3.60.006

PROJECT : N/A  
BV Client : KPL VALVE IND. CO., LTD.  
Manufacturer : KPL VALVE IND. CO., LTD.  
Inspection requested by : KPL VALVE IND. CO., LTD.

Ref :  
Plo nr : N/A (client to BV)  
Plo nr : N/A (client to Manufacturer)

SUPPLY / SUBJECT OF INSPECTION	ITEM / TAG
Fire test for ball valve	N/A

DOCUMENTS OF REFERENCE : See specification sheet for additional documents (T)

INSPEC  
Inspection  
Dong-A Univ  
High-Perfor  
March 10 &

Stage of in  
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Stamping  
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INSP 0

Industry & Facilities Division

**INSPECTION REPORT Nr 6041408-IR-01**

BV Job nr : 3.60.006

(continued)

1. Inspection performed

1.1. Introduction :

This inspection has been carried out as following scope of inspection under witness of the following attendees at Dong-A University, Technical Center for High-Performance Valves, Busan, Korea on March 10 & 20, 2015.

Attendees

Name	Company	Position	Division
M. Se-won Park	BV Korea	Surveyor	13 F
M. Hae-keon Jeong	KPL Valve Ind.	Deputy general manager	QC Dept

Technical Center for High-Performance Valves

QTY  
Seat (RTPE) 1 EA

wing mentioned on this

min/min	
After operation test	
Permissible	Actual
200	0

Inspected NPS

ss rating

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au Veritas 04/2011

Industry & Facilities Division

**INSPECTION REPORT Nr 6041408-IR-01**

BV Job nr : 3.60.006

(continued)

1.5. Result of inspection :


The results of this inspection were found to be satisfactory in accordance with the applicable code, standard & drawing mentioned on this report.

We confirmed calibration of equipments that were used for inspection.

1.6. Problem pending / Areas of concern :

None

Reference photo -




- END OF REPORT -

ANNEXES  Yes (Total number of pages : )  No

Inspected by:

Name: Se-won Park

Signature: 

Date of issue : March 20, 2015

Inspection centre: BV Korea

Distribution:  CLIENT  MANUFACTURER

INSP 002 En GM SI 101 3/3 Copyright Bureau Veritas 04/2011

◆ Fire Safety : Velosi International ◆ INSPECTION REPORT Nr 6041408-IR-01 (BV)

# Quality System Certificate



◆ Certificate of Patent :  
For Ball Valve & Needle Valve

◆ Certificate of Venture Business

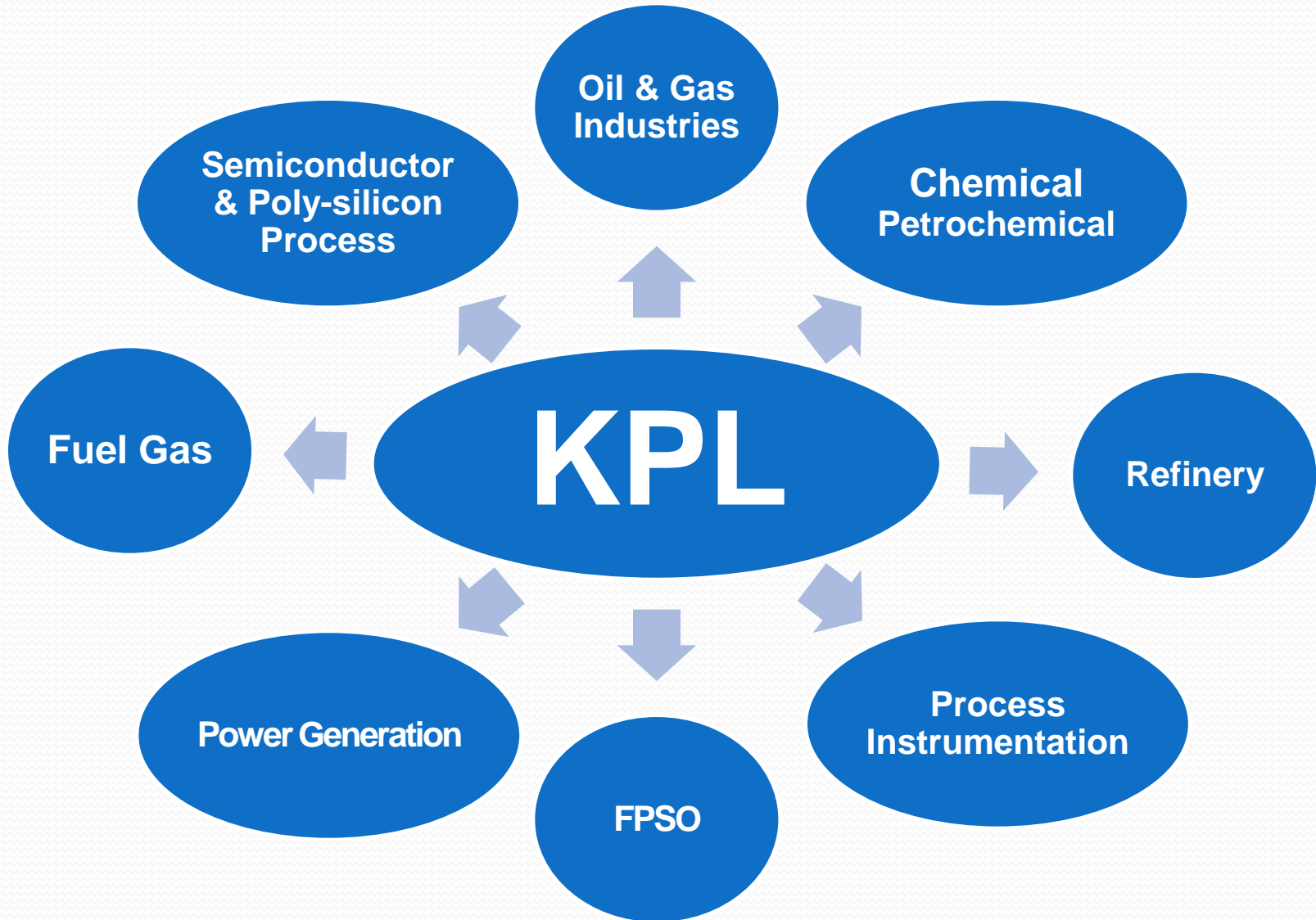
# 6

## Company Overview

## Applications



# Applications







# Products

1. Manufacturing Process

2. Product Range

- Ball Valve
- Metal Seated Ball Valve
- Double(Single) Block and Bleed Valve
- Gauge and Manifold Valve
- Needle Valve
- Y-strainer
- Check Valve
- Tube Fitting

# 1

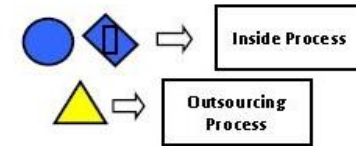
Products

Manufacturing Process

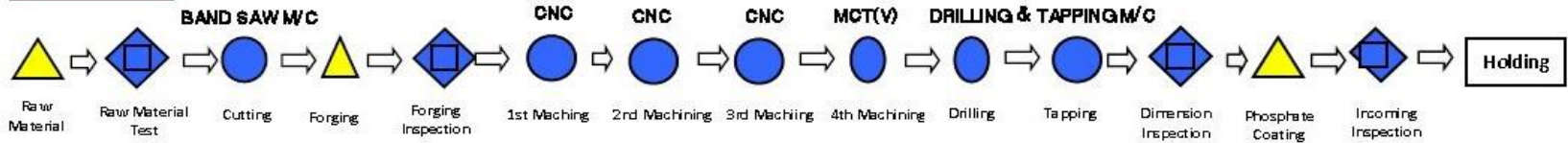


# Manufacturing Process

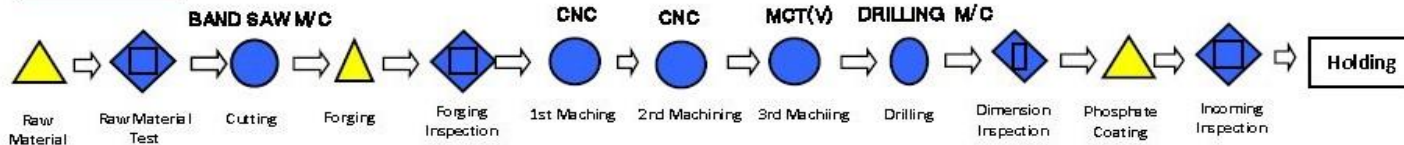
## BALL VALVE MANUFACTURE FLOW CHART



### 1) BODY

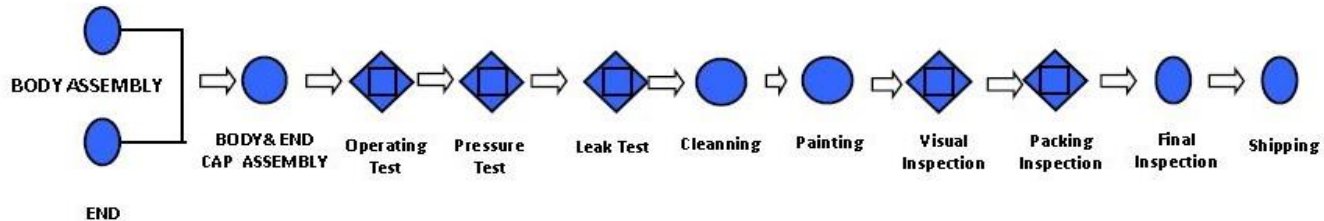


### 2) END CAP



### 3) ASSEMBLY

- BODY ASSEMBLY: ① BODY ② STEM ③ THRUST WASHER ④ (FRONT, BACK) PACKING ⑤ GRAND ⑥ SPRING WASHER ⑦ STEM NUT ⑧ GASKET ⑨ BALL ⑩ SEAT
- END CAP ASSEMBLY: ⑪ END CAP ⑫ CONNECTING BOLT ⑬ LEVER ⑭ NAME PLATE



# 2

## Products

### Product Range



# Product Range

## BALL VALVES



- ✓ **TYPE :** Floating Type Side Entry
- ✓ **END TYPE :** SW, NPT, Flange, BW
- ✓ **CONSTRUCTION :** 2-piece, 3-piece
- ✓ **SIZE :** 1/2"~2" / 2"~36"
- ✓ **CLASS :** 150LB ~ 2500LB
- ✓ **MATERIAL :** Carbon Steel, etc



- ✓ **TYPE :** Trunnion Type Side Entry
- ✓ **END TYPE :** Flange, Butt weld
- ✓ **CONSTRUCTION :** 2-piece, 3-piece
- ✓ **SIZE :** 2"~36"
- ✓ **CLASS :** 150LB ~ 2500LB
- ✓ **MATERIAL :** Carbon Steel, etc



- ✓ **TYPE :** Hex 1- Piece
- ✓ **END TYPE :** PT or NPT, LOK
- ✓ **SIZE :** 1/2"~1"
- ✓ **CLASS :** 1000PSIG
- ✓ **MATERIAL :** 316ss

# Product Range

## METAL SEATED BALL VALVE



- ✓ **TYPE** : Floating, Trunnion
- ✓ **END TYPE** : SW, NPT, Flange
- ✓ **CONSTRUCTION** : 2-piece, 3-piece
- ✓ **SIZE** : 1/2"~36"
- ✓ **CLASS** : 150LB ~ 2500LB
- ✓ **MATERIAL** : Carbon Steel, Stainless Steel, Duplex, Monel, Titanium, Hastelloy,

# Product Range

## DOUBLE BLOCK & BLEED



**DBB VALVE(FLANGE\*FLANGE)**



**DBB VALVE(FLANGE\*SCREW)**

- ✓ **TYPE :** DBB, SBB
- ✓ **END TYPE :** Socket Weld  
Flanged, Screwed,
- ✓ **CONSTRUCTION :** 2 or 3-piece
- ✓ **SIZE :** 1/2"~24"
- ✓ **CLASS :** 150LB ~ 2500LB
- ✓ **MATERIAL :** Carbon Steel,  
Stainless Steel,  
Duplex, Inconel

# Product Range

## INSTRUMENT VALVES



- ✓ **TYPE :** Mono Flange
- ✓ **END TYPE :** NPT & FLANGE
- ✓ **CONSTRUCTION :** 1-piece
- ✓ **SIZE :** 1/2"~2"
- ✓ **CLASS :** 6000PSIG
- ✓ **MATERIAL :** Carbon Steel, Stainless Steel, Monel, Titanium, Hastelloy, Inconel, Al-bronze, Duplex

**MONO FLANGE**



- ✓ **TYPE :** Manifold
- ✓ **END TYPE :** NPT & Single Flange
- ✓ **CONSTRUCTION :** 1-piece
- ✓ **SIZE :** 1/2"
- ✓ **CLASS :** 6000PSIG
- ✓ **MATERIAL :** Stainless Steel, Duplex, Monel Inconel

**MANIFOLD VALVE**



- ✓ **TYPE :** Gauge
- ✓ **END TYPE :** NPT
- ✓ **CONSTRUCTION :** 1-piece
- ✓ **SIZE :** 1/2"
- ✓ **CLASS :** 6000PSIG
- ✓ **MATERIAL :** Stainless Steel, Duplex, Inconel

**GAUGE VALVE**



**5-WAY MANIFOLD (Single Flange)**



# Product Range

## INSTRUMENT VALVES



3-WAY MANIFOLD(Single Flange)



3-WAY MANIFOLD(Block)



2-WAY MANIFOLD (KM2)



2-WAY MANIFOLD (KM2V)



NEEDLE VALVE



# Product Range

## FITTING, Y-STRAINER, CHECK VALVES



**Y-STRAINER**

- ✓ **TYPE** : Y-type, T-type
- ✓ **END TYPE** : Flanged, Screwed, Socket Weld
- ✓ **CONSTRUCTION** : 1-piece
- ✓ **SIZE** : 1/2"~2"
- ✓ **CLASS** : 150LB ~ 800LB
- ✓ **MATERIAL** : Carbon Steel, Stainless Steel, Duplex, Inconel



**CHECK VALVE  
(In line Poppet type)**

- ✓ **TYPE** : Poppet
- ✓ **END TYPE** : Screwed , Tube fitting end
- ✓ **SIZE** : 1/4"~1"
- ✓ **CLASS** : 1000PSIG
- ✓ **MATERIAL** : 316ss



**TUBE FITTING**

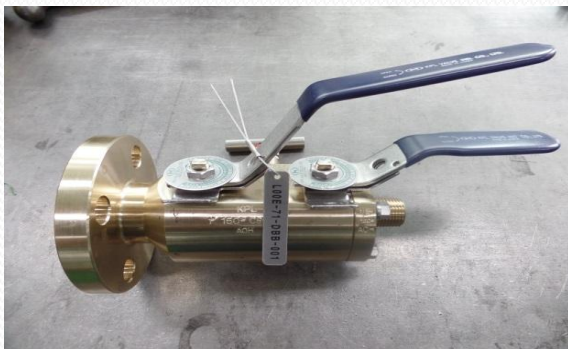
- ✓ **END TYPE** : Tube fitting end
- ✓ **CONSTRUCTION** : 1-piece
- ✓ **SIZE** : 1/8"~1"
- ✓ **CLASS** : 3000PSIG
- ✓ **MATERIAL** : 316ss, Duplex, Inconel



**NEEDLE VALVE**

- ✓ **TYPE** : Integral Bonnet, Scr'd Bonnet, Union Bonnet
- ✓ **END TYPE** : Flanged, Screwed, Socket Weld, Tube fitting end
- ✓ **CONSTRUCTION** : 1-piece
- ✓ **SIZE** : 1/4"~2"
- ✓ **CLASS** : 6000PSIG
- ✓ **MATERIAL** : Carbon Steel, Stainless Steel, Duplex, Inconel

# Product Range



# Product Range



# Product Range



TRUNNION BALL VALVE  
150LB 12" & 900LB 8"



ASSEMBLY &  
PRESSURE TEST

# Product Range



TRUNNION BALL VALVE  
150LB 18" & 20"

ASSEMBLY & PRESSURE TEST



# Product Range



PNEUMATIC OPERATION TRUNNION BALL VALVE  
600LB 16" & 900LB 10"  
COMPLETE PRODUCT



# Client

1. Client Approvals
2. Supply Track Record



# 1

Client

## Client Approvals



# Client Approvals

## PETRONAS - Malaysia



### LICENSE TO SUPPLY PRODUCT/SERVICE TO EXPLORATION AND OIL/GAS COMPANIES IN MALAYSIA

In exercising the powers conferred by Section 7, Petroleum Development Act 1974 and in accordance to Regulation 5 of the Petroleum Regulation delegated to me by the Prime Minister of Malaysia, I hereby issue the license under Regulation 3 of the Petroleum Regulation for the purpose of:

NEXT PETROLEUM SDN. BHD. (525055-A)  
 F-3A-10, BLOCK F, NEO DAMANSARA, JLN PJU 8/1, DAMANSARA PERDANA,  
 47820 PETALING JAYA  
 SELANGOR

Print

Details of License are as follows:-

Company's No : 525055-A

Type of Company : LICENSE

Duration of License : 10.03.2018 - 09.03.2021

License Fee : RM 750

Categories of Product/Service : As attached in 'CATEGORIES OF LICENSE / REGISTRATION'.

Special Conditions impose onto this license:-

Subject to the special conditions as attached.

General requirements of this License are as stated in the next page.

Reminder: License Must Apply For Renewal 3 Months Before The Expiry Date.

This is a computer generated printout and no signature from PETRONAS is required.



COMPANY'S NAME : NEXT PETROLEUM SDN. BHD. (525055-A)  
 LICENSE NO : 525055-A  
 LICENSE PERIOD : 10.03.2018 - 09.03.2021

SPECIAL CONDITIONS	
COMPANY OTHERS	Copy of the Annual Audited Report for the year ended 31 July 2017 declared by company is not recorded by Companies Commission of Malaysia (CCM). Company is required to submit the updated CCM document before 31 January 2018. Failing which, the company will no longer be listed in the PETRONAS List of Licensed Registered Companies (LLRC).

CATEGORIES OF LICENSE / REGISTRATION					
APPROVED LICENSE CATEGORIES					
L/R/PROVISIONAL	Service / Supplier Code	Mode of Operation	Principal Name (If Applicable)	Approval Date / Time	Expiry Date
LICENSE	PI1150300 INSTN-VALVES-INSTRUMENT VALVES&MANIFOLDS (Reclassified PI1140300)	AGENT	KPLVALVE IND. CO., LTD.		09.03.2018
LICENSE	PL1011000 PIPES-SEAMLESS-ALLOY STEEL SEAMLESS PIPES	AGENT	TECFLO ENERGY SERVICES LTD.	10.01.2018 14:23:54	09.03.2021
LICENSE	PL1020400 PIPES-WELDED PIPES-CARBON STEEL WELDED PIPES	AGENT	TECFLO ENERGY SERVICES LTD.	10.01.2018 14:23:54	09.03.2021
LICENSE	PL1020500 PIPES-WELDED PIPES-STAINLESS STEEL WELDED PIPES	AGENT	TECFLO ENERGY SERVICES LTD.	10.01.2018 14:23:55	09.03.2021
LICENSE	PL1020600 PIPES-WELDED PIPES-DUPLEX STAINLESS STEEL WELDED PIPES	AGENT	TECFLO ENERGY SERVICES LTD.	10.01.2018 14:23:55	09.03.2021
LICENSE	PL1020700 PIPES-WELDED PIPES-CUPRO NICKLE WELDED PIPES	AGENT	TECFLO ENERGY SERVICES LTD.	10.01.2018 14:23:55	09.03.2021



COMPANY'S NAME : NEXT PETROLEUM SDN. BHD. (525055-A)  
 LICENSE NO : 525055-A  
 LICENSE PERIOD : 10.03.2018 - 09.03.2021

CATEGORIES OF LICENSE / REGISTRATION					
APPROVED LICENSE CATEGORIES					
L/R/PROVISIONAL	Service / Supplier Code	Mode of Operation	Principal Name (If Applicable)	Approval Date / Time	Expiry Date
LICENSE	PM1271200 MECHANICAL - PIPE FITTINGS - ALLOY FITTING & FLANGES	AGENT	TECFLO ENERGY SERVICES LTD.	10.01.2018 14:23:56	09.03.2021
LICENSE	PM1271300 MECHANICAL - PIPE FITTINGS - CUPRO NICKEL & MONEL FITTING & FLANGES	AGENT	TECFLO ENERGY SERVICES LTD.	10.01.2018 14:23:56	09.03.2021
LICENSE	PS2020400 STRUCTURAL-STEEL RODS&BARS	AGENT	TECFLO ENERGY SERVICES LTD.		09.03.2018
LICENSE	PV1010200 VALVES - BALL VALVES - BALL VALVE LESS THAN 50 MM (FIRESAFE FIRE TESTED)	AGENT	KOREA PIPE LINE VALVE INDUSTRY CO. LTD.	10.01.2018 14:23:51	09.03.2021
LICENSE	PV1010400 VALVES - BALL VALVES - BALL VALVE 50 MM AND LARGER (FIRESAFE / FIRE TESTED) (RECLASSIFIED FROM PV1010300 & PV1010400)	AGENT	KPLVALVE IND. CO., LTD.		09.03.2018
LICENSE	PV1040200 VALVES - GLOBE VALVES - GLOBE VALVES 50 MM AND LARGER	AGENT	KOREA PIPE LINE VALVE INDUSTRY CO. LTD.	10.01.2018 14:23:53	09.03.2021
LICENSE	PV1080000 VALVES-NEEDLE VALVES (NON-INSTRUMENT)	AGENT	KOREA PIPE LINE VALVE INDUSTRY CO. LTD.	10.01.2018 14:23:53	09.03.2021
LICENSE	PV1130000 VALVES-VALVES LOCKING INTERLOCKING DEVICES-	AGENT	KOREA PIPE LINE VALVE INDUSTRY CO. LTD.	10.01.2018 14:23:53	09.03.2021
LICENSE	PV1150000 VALVES - INTEGRAL DOUBLE BLOCK AND BLEED VALVE (NON-INSTRUMENT)	AGENT	KOREA PIPE LINE VALVE INDUSTRY CO. LTD.	10.01.2018 14:23:54	09.03.2021
LICENSE	PV1160000 VALVES - SPECIAL VALVE	AGENT	KOREA PIPE LINE VALVE INDUSTRY CO. LTD.	10.01.2018 14:23:54	09.03.2021

\*\*\* END \*\*\*

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# Client Approvals

**NIGC - Iran**

تاریخ: ۹۴/۴/۶  
شماره: ۶۷۵۲۸/۱۱۳  
پوست:

بسمه تعالی



Date: 27.06.2015  
No.: 60.112.46993

مدیر عامل محترم شرکت پارس سازه انرژی البرز

موضوع: شرکت KPL VALVE IND. Co., Ltd (گروه جنوبی)

باسلام و احترام،

بازگشت به نامه شماره ۹۳/۲۰۰۸ مورخ ۹۳/۷/۲۶، به اطلاع میرساند شرکت موضوع فوق که شرکت پارس سازه انرژی البرز را به عنوان نماینده رسمی خود در ایران معرفی نموده است، در بانک اطلاعات منابع خارجی این اداره جهت قلم نایل به ثبت رسیده است.

- Ball Valve (Split Body) Class 600 up to 24"

بدیهی است، در خصوص هر یک از سفارشات آتی، بازرسی کالا مطابق با استانداردهای جاری شرکت ملی گاز ایران از طرف متقاضی و یا شرکت بازرسی معرفی شده الزامی می باشد.

ضمناً اعتبار این نامه از تاریخ صدور بمدت یکسال می باشد و تمدید اعتبار آن منوط به تأیید مجدد بر اساس عملکرد آن شرکت خواهد بود.

حمید نجفی  
رئیس اداره بررسی صلاحیت پیمانکاران و پیمانکاری  
شرکت ملی گاز ایران  
امور تخصصی بازرسی  
تعمیرات، نگهداری و سلامت

nd. Co., Ltd

## VENDORS LIST

to our questionnaire form (completed by your company),  
ed that your company has been registered in our vendors  
lurer of following product.

ve (Split Body) Class 600 up to 24"

business relations.

y of this letter is for one year, from the date of issue.

Research & Contractor Manager

nergy Albourz Co.

# Client Approvals

## Hyundai Heavy Industries Co.,Ltd - Korea



INDUSTRIAL PLANT & ENGINEERING DIVISION

1. CHEONHA-DONG, DONG-GU, ULSAN, KOREA  
Material Purchasing Dept Offshore & Engineering Division  
TEL: (82) 52-202-2921  
FAX: (82) 52-250-9403

### CONTRACT AMENDMENT

<b>Vendor :</b> KPL Valve Ind. Co., Ltd. 19-19, Samjungdong, Ojeonggu Bucheon, Kyunggido, Korea	<b>Contract No.:</b> JUSBYF4P06 <b>Amendment date:</b> March 8, 2010 <b>Amendment No.:</b> 1 <sup>st</sup> Revision <b>Project:</b> Sabiya CCGT Project <b>Buyer:</b> Hyundai Heavy Industries <b>Phone:</b> 82 52 202 2921 <b>Fax:</b> 82 52 250 9403 <b>Email:</b> idoido@hhi.co.kr <b>Pages:</b> 1(including cover page)
<b>Attn:</b> Mr. H. G. Kim <b>Phone:</b> +82 32 673 4413 <b>Fax:</b> +82 32 673 4416 <b>Email:</b> kpivalve@hanmail.net	

#### Description of Supply Contract : Block and Bleed Valve for Sabiya CCGT Project

In addition to Supply Contract No. JUSBYF4P06 dated January 8, 2010 for the supply of Block and Bleed Valves for Sabiya CCGT project, Hyundai Heavy Industries Co., Ltd as Buyer and Vendor named above hereby agree to amend the Supply Contract as follows.

#### 1. Scope of Supply:

- 1.1. Details of revised valve quantity shall be as per attached Price List dated January 29, 2010.
- 1.2. Other scope of supply shall remain unchanged.

#### 2. Contract Price :

- 2.1. Before: KRW 81,940,000 - FCA Busan Port in accordance with INCOTERMS 2000 (Say, Korean Won Eighty One Million Nine Hundred Forty Thousand Only)
- 2.2. After: KRW 79,820,000 - FCA Busan Port in accordance with INCOTERMS 2000 (Say, Korean Won Seventy Nine Million Eight Hundred Twenty Thousand Only)

#### 3. Others :

All other terms and conditions including delivery not mentioned in the amendment remain unchanged in accordance with the original Supply Contract No. JUSBYF4P06.

In witness thereof the parties hereto have entered into this Contract Amendment by their duly authorized representatives.

**SELLER:**  
KPL Valve Ind. Co., Ltd.

**BUYER:**  
HYUNDAI HEAVY IND. CO., LTD.

Name: \_\_\_\_\_  
Title: 130-81-70072

Date: \_\_\_\_\_  
케이피엘 밸브공업(주) 이종하  
경기도 부천시 오정구 상정동 13-13  
제조,도매 밸브,배관부품  
부



Name : B. J. Koh  
Title : General Manager  
Material Purchasing Dep't(JX40)  
Industrial Plant & Engineering Division  
Date : March 8, 2010

# **Client Approvals**

**Hyundai Engineering Co.,Ltd - Korea**

**Hyundai Engineering & Construction Co.,Ltd - Korea**

**Doosan Heavy Industries & Construction Co.,Ltd - Korea**

**GS Engineering & Construction Co.,Ltd – Korea**

**SK Engineering & Construction Co.,Ltd - Korea**

**POSCO Engineering & Construction Co.,Ltd -Korea**

# 2

Client

Supply Track Records



# Supply Track Record

## SUPPLY STATUS FOR THE OVERSEA PROJECT

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
Emirates CMS Power Co. / Doosan Heavy Indus. & const.	Ball Valve	2001	Al-taweelah U.A.E	AL-TAWEELAH A2 / Anti-scale Supply System
Adewa Doosan Heavy Indus. & const.	Ball Valve	2001	Ummal Nar U.A.E	UMMAL NAL Desal PJT Station "B"/ Chemical dosing & Acid cleaning system
Petronas Chem Kvaerner-BASF – KVC(UK)-FHEC	3-Way Ball Valve	2001	Quantan Malaysia	BDO Project / Chemical Power Plant
Doosan Heavy Indus. & const. Hansu Chemical Co. Ltd	Ball Valve	2002	U.A.E	BOILER/DEMISTER PJT
U.O.G Doosan Heavy Indus. & const.	Ball Valve	2002	Fujairah U.A.E	FUJAIRAH Water & Power Plants Chemical dosing & Acid cleaning system
SPDE(SHEEL) Hyundai Heavy Industries Co., Ltd.	Ball Valve	2003	Nigeria	BONNY TERMINAL Intergreated PJT Chemical Injection System
ONGC Hyundai Heavy Industries Co., Ltd.	Ball Valve	2004	India	MSP Platform Project(OFF SHORE) (Worly Spec)
CHICAGO BRIDGE & IRON KVC(UK) - FHEC	Ball Valve	2004	Singapore	BUTANE STORAGE FACILITY
Hyundai Heavy Industries Co., Ltd.	Ball Valve / Manifold / Needle Valve	2004	India	MUMBALA PJT(off shore)
Ministry of Energy Kuwait Doosan Heavy Inds & Const	Ball Valve / Needle Valve	2005	K Site Kuwait	SABIYA Distillation Plant PJT

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
Sohar Power Company Doosan Heavy Inds & Const.	Ball Valve / Manifold / Needle Valve	2005	Sohar Oman	SOHAR Power & Desalination Plants PJT
Ministry of Energy Doosan Heavy Indus. & const.	Ball Valve / Y-Strainer(S)	2005	Neka/ Kerman Iran	MAPNA Combined Cycle 22 Units PJT Power Plant
IPR/QEWC Doosan Heavy Inds & Const.	Ball Valve /Manifold / Needle Valve(S)	2005	Ras Laffan Qatar	Ras Laffan Phase - II Qatar Power & Water PJT
NTPC Doosan Heavy Indus. & const.	Ball Valve / Manifold/ Needle Valve(S)	2006	Sipat India	SIPAT Super Thermal Power PJT Stage - I
Total E&P Congo Hyundai Heavy Industries Co., Ltd.	Ball Valve / DBB Valve / Manifold /Needle Valve	2006	Congo	MOHO Bilondo FPO PJT – Oil & Gas Plants
Petronas KVC(UK)-FHEC	Ball Valve	2007	Malaysia	BO-B/C/D PLATFORM BUNGA ORKID PJT
PROSAFE / PETROBRAS KVC(UK)-FHEC-ALTON -Global Process Systems Pte Ltd	Ball Valve	2007	Brazil	FPSO CIDADE DE SAO MATETUS PJT
PROSAFE / APACHE KVC(UK)-ALTON - VME Process	Ball Valve	2007	Australia	Ningaroo Spirit FPSO PJT
Oil and Natural Gas Corporation Limited Aker Kvaerner - Samsung Heavy Industries Ltd	Ball Valve / DBB Valve/ Strainer	2007	India	VASAI PJT-Chemical Storage & Dosing System
Power & water utility company for Jubail & Yanbu Hyundai Heavy Industries Co., Ltd.	Ball Valve / DBB Valve	2007	Saudi Arabia	MARAFIQ IWPP PJT



# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
Shevron Samsung Heavy Industries Ltd	Ball Valve	2007	Angola	Takula Gas Platform PJT-Chemical Injection
Petronas Carigali Sdn. Bhd. Bastalux Sdn. Bhd.	Ball Valve / DBB Valve / Strainer	2007	Malaysia	West Lutong Pipeline Replacement PJT -OFFSHORE
DEWA Doosan Heavy Inds. & Const.	Ball Valve	2008	Jebel Ali U.A.E	Jebel Ali power desalination station -“M”, “L” phase II
Origin Energy Resources Limited -KVC(UK)-FHEC	Ball Valve	2008	New Zealand	KUPE GAS PJT ( OFF SHORE )
MLNG- DUA -FOSTER WHEELER E&C OGP - ECONOST	Ball Valve	2008	Malaysia	MDD PROJECT
IMCO- ALOTHMAN NATIONAL FIRE SAFETY EQUIP. CO	3-Way Ball Valve	2008	Saudi Arabia	AL-KHOBAR
TOSHIBA (Japan) – KVC CO - S & S Valve Co Ltd	Metal Ball Valve	2008	Egypt	TPSC 750 MW CCPP EGYPT PJT
KVC(UK)-ALTON - MODEC INTERNATIONAL INC	Ball Valve	2009	Ghana	TULLOW GHANA LIMITED JUBILEE FPSO
KVC(UK)-ALTON - MODEC INTERNATIONAL INC	Ball Valve	2009	Brazil	PETROBRAS GAS II FPSO PROJECT (FPSO TAMBAU – URUGUA)
Petronas Next Petroleum sdn	Ball Valve	2009	Malaysia	BO-B/C/D PLATFORM BUNGA ORKID PJT

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
Total E&P Angola DeawooShipbuilding&Marine Engineering	Ball Valve / DBB Valve	2009	Angola	PAZFLOR FPSO PJT
Saudi Kayan (SABIC) Hyundai Engineering & Construction Co., Ltd.	Tube Fitting	2010	Libya	AL KHALIJ 4X 350 MW POWER PLANT PJT
SAUDI ELECTRICITY COMPANY, SUEZ Hyundai Heavy Industries Co., Ltd.	SBB / DBB / Ball valve	2010	Kuwait	RIYADH PP11 IPP PJT
MITSUBISHI HEAVY INDUSTRIES, LTD, KVC CO.,LTD.	Ball Valve	2010	Japan	NHI MCEC/ AOFPP PROJECT
Petronas Next Petroleum Sdn. Bhd.	SBB Valve /DBB Valve/Ball valve	2011	Malaysia	Baram BAJT-H Revisit PJT
Hyundai Engineering Construction Co.Ltd / Wonil T&I	DBB Valve	2012	Bangladesh	New Haripur PJT
Deawoo Construction Co. Ltd./ Wonil T&I	Ball Valve / DBB Valve/ 3-way Ball Valve	2012	U.A.E	S3 PJT
Tai Woo Ree Engineering / KVC Co. Ltd	Full Welded Body Ball Valve	2012	Thailand	OCS 4 Project
NIOC/ EGEN General trading Co.	SBB Valve	2012	Iran	South Pars (13th & 22th &23th & 24 <sup>th</sup> ) Project
GERAB NATIONAL	Ball Valve	2012	U.A.E	Annual Stock

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
PILS / YS TECH	DBB Valve	2013	Malaysia	PERMAS PRODUCTION (PR-EA) Project
PFC Engineering / NEXT PETROLEUM	Ball Valve	2013	Malaysia	Tiong A, Pulai A, Ledang Anoa Project
Newfield / NEXT PETROLEUM	Ball Valve	2013	Malaysia	East Belumut Project
SBM Malaysia FGE Control	Ball Valve /DBB Valve	2013	Malaysia	Xikomba Project
Newfield / NEXT PETROLEUM	Ball Valve	2013	Malaysia	East Belumut Project
SEEN/ NEXT PETROLEUM	DBB Valve	2013	Malaysia	Dulang CGCE Project
Carimin Engineering / NEXT PETROLEUM	DBB Valve	2013	Malaysia	Samarang SMQ-A ( Sabah Operation )
PT Gravalty Solution / NEXT PETROLEUM	Ball Valve	2013	Malaysia	LTRO SSB
Talisman/ NEXT PETROLEUM	Ball Valve	2013	Malaysia	BOC Gas Flow line
Petra Resources / NEXT PETROLEUM	Ball Valve	2013	Malaysia	SKO CLUSTER 4 & 5 PHASE 1

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
Petra Resources / NEXT PETROLEUM	Ball Valve	2013	Malaysia	SK3II Permas Project
Hyundai Heavy Industries Co. Ltd/ Shamal Az-Zour Al-Oula K.S.C.	DBB Valve / 3-WAY Ball Valve	2014	Kuwait	Az-Zour North Phase 1 - IWPP
TPSC /KVC CO	Ball Valve	2014	Thailand	North Bangkok Power Plant Block 2
BKK/KVC CO	Ball Valve	2014	Thailand	Glow Infinity
ARITA /KVC CO	Ball Valve	2014	Indonesia	PT Meindo
ARITA /KVC CO	Ball Valve	2014	Indonesia	HCML HVSKY CNOOL
Petronas Cariguli / NEXT PETROLEUM	DBB Valve	2014	Malaysia	Lubuan
THHE / NEXT PETROLEUM	Ball Valve	2014	Malaysia	EPCC for Permas
THHE/ NEXT PETROLEUM	1-Piece DBB Valve	2015	Malaysia	KINABALU NAG PJT
THHE/ NEXT PETROLEUM	Ball Valve	2015	Malaysia	RANCH-RANCHA

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
NEXT PETROLEUM	DBB Valve	2015	Malaysia	DIANA
WOOD GROUP / NEXT PETROLEUM	UNION BONNET NEEDLE VALVE 6000PSI	2017	Malaysia	Exxon
NEXT PETROLEUM	DBB Valve	2017	Malaysia	Tapis EOR Rejuvenation
JEL / KVC CO	Ball Valve	2017	MOZAMBIQUE	GFCC POWER Plant
SAKAKURA / KVC CO	Ball Valve	2017	JAPAN	SWCC
KVC CO	Ball Valve	2017	JAPAN	STAR
PT / KVC CO	Ball Valve	2017	JAPAN	ASAHI CHEMICAL
EXXONMOBIL/NEXT PETROLEUM	UNION BONNET NEEDLE VALVE 6000PSI	2018	INDONESIA	GUNTONG C INTEGRITY WORKS PHASE 1
NEXT PETROLEUM	DBB Valve	2018	Malaysia	EAST P1ATU
SAPURAKENCUANA/NEXT PETROLEUM	Ball Valve	2018	Malaysia	Provision of Hook Up Topside Major

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
SAPURA ENERGY / NEXT PETROLEUM	DBB Valve/ Monoflange SBB & DBB Valve	2018	Malaysia	Larak & Bakong Platform Project
JURONG SHIPYARD	Ball Valve	2018	Singapore	Heerema NSCV Project/FPSO Low Pressure Valve
FIRST QUANTUM	Ball Valve / Y-Strainer	2019	Panama	COBRE PANAMA PROJECT
NEXT PETROLEUM	Ball Valve / DBB Valve	2019	Malaysia	OCV PUMP , HP HEADER , VENT CASING AND CHEMICAL LINE PROJECT
NEXT PETROLEUM	Ball Valve / DBB Valve	2019	Malaysia	PHASE II KINABALU DEBOTTLENECKING PROJECT
NEXT PETROLEUM	DBB Valve	2019	Malaysia	PETRONAS

# Supply Track Record

## SUPPLY STATUS FOR THE INLAND(KOREA) PROJECT

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
Dong-bu Steel Co., Ltd.	Metal Ball Valve	2001	South Korea	Sn Melting Line/ Incheon Factory
POSCO E & C	Ball Valve	2002	South Korea	Posco 3 Factory (Process/Utility) & Posco Finex Demo Plant Mainbody
Hyundai Engineering Co., Ltd	Ball Valve	2003	South Korea	KCC( S1 PJT)
Praxair Korea Ltd	Ball Valve	2003	South Korea	Co2 tank ball v/v changing PJT Geeheung & Changwon Plant
POSCO E & C	Ball Valve	2003	South Korea	Posco 1Process 2RH Bottom Bubbling
KIA MOTORS	Ball Valve	2004	South Korea	Diesel Engine Cleaning Line for sedan
Samsung Electric Co Ltd	3-Way Ball Valve	2005	South Korea	SEMICONDUCTOR LINE - SCRUBBER
Hyundai Engineering Co., Ltd	Ball Valve	2006	South Korea	KCC S2 PJT
Hyundai Engineering Co., Ltd	Metal Ball Valve / Ball Valve	2007	South Korea	Poly Pilot Plant PJT / KCC

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
Hyundai Engineering Co., Ltd	Metal Ball Valve / Ball Valve	2007	South Korea	HEC-TCS PJT / KCC
DC Chemical. Ltd(OCI) / ETEC E&C	Needle Valve	2008	South Korea	P2-RW PJT / Poly-Silicon Line
Hyundai Engineering Co., Ltd	Metal Ball Valve / Ball Valve	2009	South Korea	Poly Plant PJT / KCC / Poly-Silicon Line
OCI / ETEC E&C	Metal Ball Valve / Ball Valve/ Needle Valve	2010	South Korea	P3.0-RW PJT / Poly-Silicon Line
OCI / ETEC E&C	Metal Ball Valve / Ball Valve/ Needle Valve	2011	South Korea	P3.7-RW PJT / Poly-Silicon Line
OCI / ETEC E&C	Metal Ball Valve / Ball Valve/ Needle Valve	2011	South Korea	P4.0-RW PJT / Poly-Silicon Line
HK Silicon Co. Kr/ Soosung Tech Co Ltd.	Metal Ball Valve / Ball Valve	2012	South Korea	PS-2 PJT/ Poly-Silicon Line
Hyundai Engineering & Construction Co. Ltd	Gas Ball Valve	2012	South Korea	Yulchon II Combined Cycle Power PJT
Hanwha E&C / Kyeam Tech	Metal Ball Valve / Ball Valve	2013	South Korea	ORANGE PJT/ Poly-Silicon Line
DAELIM /S&S VALVE	Metal Ball Valve / Ball Valve	2013	South Korea	Pyeongtaek Combined Cycle Power PJT



# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
DAELIM /S&S VALVE	Metal Ball Valve Ball Valve	2013	South Korea	Pocheon Combined Cycle Power PJT
DAELIM /S&S VALVE	Metal Ball Valve Ball Valve	2013	South Korea	Ulsan/Pocheon/Pyeongtack Combined Cycle Power PJT
SPC /HYOSUNG	Ball Valve	2014	South Korea	Dongducheon Combined Cycle Power PJT /WWT PLANT
OCI / ETEC E&C	Metal Ball Valve Ball Valve	2014	South Korea	P3.9-RW PJT / Poly-Silicon Line
Doosan Heavy Industries Co. Ltd/ OCI	Gas Ball Valve	2015	South Korea	SE1 PROJECT
GS Eng'g & Const. co., Ltd.	Gas Ball Valve	2016	South Korea	Boryeong LNG Terminal
GS Eng'g & Const. co., Ltd.	Gas Ball Valve	2017	South Korea	Boryeong LNG Terminal Phase II
GS Eng'g & Const. co., Ltd.	Ball Valve	2017	South Korea	BASF Expansion Ultrason Project
POSCO / Han Yang ENG	Ball Valve	2017	Philippine	Masinloc CCPP Water Treatment /WWT PLANT
DAELIM / Han Yang ENG	Ball Valve	2017	Philippine	SBPL CCPP Water Treatment /WWT PLANT

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
SAMSUNG ELECTRONICS	Ball Valve	2017	South Korea	P- GODEOK PROJECT
SK E&C	Ball Valve	2017	South Korea	Boryeong LNG Terminal
Hwaseong Engineering Consultants Co.Ltd	Ball Valve/Strainer	2018	Vietnam	Petro Refrigerant
Doosan Heavy Industries & Construction Co.,Ltd	Ball Valve	2018	South Korea	Goseong HAI
Doosan Heavy Industries & Construction Co.,Ltd	Ball Valve / Metal Ball Valve	2018	South Korea	Taeon Thermal Power Generation
Hanwha Engineering & Construction Corp.	Ball valve	2018	South Korea	NCC Side Cracker
Biryong	Ystrainer / Ball Valve	2018	South Korea	Seoul Combined Cycle Plant
Lotte Chemical Corp.	Ball valve	2018	South Korea	Gas Pilot
DAEWOO Engineering & Coustruction Co.,LTD	Ball valve	2018	South Korea	Sinpyongtack Combined Cycle Plant
BHI	2-Piece Ball Valve	2018	South Korea	Yeoungheung #6 FGD CLR

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
Lotte Engineering & construction Co.,Ltd	Ball Valve	2018	South Korea	LFC TPP-3
Kaitech	Ball Valve	2018	Indonesia	Kasel Teng 2 / WWT PLANT
POSCO	Ball Valve	2018	South Korea	Jeju Aewol LNG Terminal
KOLONG e ENGINEERING CO	Ball Valve	2018	Uzbekistan	Uzbekistan gas
Hanwha Engineering & Construction corp.	Ball Valve	2018	South Korea	ADL
BHI	Ball Valve	2018	Haman	Haman Cycle Plant
DS21	Ball Valve	2018	Saudi Arabia	Shoaiba
Byucksan Engineering	Ball Valve	2018	South Korea	Dongtan Fuel Cell
Hyundai Engineering Co.,Ltd	Ball Valve	2018	Uzbekistan	Takhiatash
KOLONGe ENGINEERING CO	Ball Valve	2018	South Korea	UZGTL / WWT PLANT

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
WONIK MATERIALS	Ball-3Way / Ball Valve / Needle Valve	2019	South Korea	X2 O PROJECT
POSTONTEC	Ball Valve	2019	Viet Nam	Song Hau 1 Thermal POWER Plant / WWT PLANT
Korea Western Power	Ball Valve	2019	South Korea	Sluice Support Pump Isolation Valve
VISTAR CONTROL	Ball Valve / Needle Valve	2019	South Korea	BHI_Sulsebarru
Korea Western Power	Metal Ball Valve	2019	South Korea	Integrated Gasification Combined Cycle
WOORY ENTERRISE.CO	Ball Valve	2019	Viet Nam	NGHI SON 2 BOT THEMAL POWER PLANT / WWT PLANT
BLUEWAY TRADING CO / KC COTTRELL	Ball Valve	2019	South Korea	GOSEONG HAI desulfurizing wastewater treatment facility
T&C CORPORATION / KOSPO	Ball Valve	2019	South Korea	NAMJEJU CCPP
BULK KOREA	Ball Valve	2019	South Korea	PASCO WTP RO PROJECT
Hwa-jin	Ball Valve / DBB	2019	South Korea	DUBAL CCPP PJT

# Supply Track Record

CUSTOMER / CLIENT / BIDDER	DESCRIPTION	YEAR	LOCATION	PLANT OR PROJECT NAME
SAE-A STX ENTECH	Ball Valve	2019	South Korea	POSCO POHANG & GWANYANG
Wonil tni	Ball Valve	2019	South Korea	Hallim Combined Fuel Transformation Corporation
Hanwha Engineering & Construction corp.	Ball Valve	2019	South Korea	HCC K-10(PVC) PROJCE
Kaitec	Ball Valve	2019	South Korea	DAESAN BIOMASS POWER PLANT
Kaitec / Korea Midland Power Co., Ltd	Ball Valve	2019	South Korea	Sinseocheon Thermal Power
KOREA EAST-WEST POWER CO.,LTD	Gas Ball Valve	2019	South Korea	NG 계통 ROOT VALVE
HYUNDAI MOBIS	Ball Valve	2019	South Korea	Chung ju H2 FEULCLL
KOREA EAST-WEST POWER CO.,LTD	Gas Ball Valve	2019	South Korea	Gas compressor front and rear shutoff valve
GS E&C CORP	Gas Ball Valve Ball Valve	2019	South Korea	Boryeong LNG Terminal Project Phase II -2
M. Haman Inc	Ball Valve	2019	South Korea	Haman Bio-SRF Production Facility and Power Plant





**THANK YOU**

**We sell the Confidence**

**And the Reliability**