



**valpe**

*For the Valuable Plant Engineering*

## COMPANY OVERVIEW

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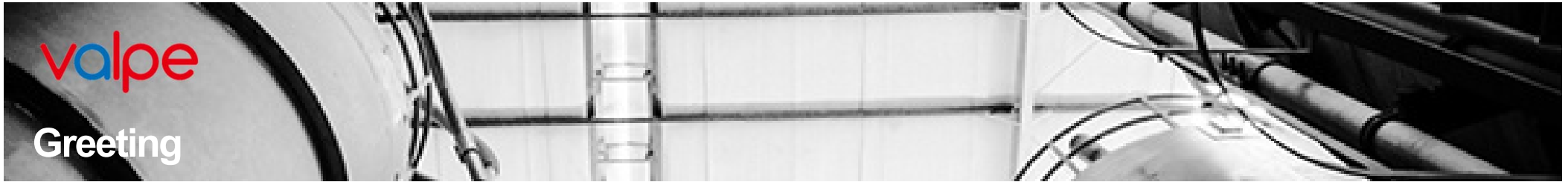
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We, Valpe Co., Ltd. established as NANO TECH on 2002, have professionally supplied valves, piping and fittings for the steel, heavy and petrochemical industries to domestic and overseas.

Especially, as an exclusive agent of overseas leading makers which proved of its technology and quality worldwide, we have been participating in Korean EPC companies' overseas projects for their subcontractor.

Our company have highly qualified professional manpower and management system which have been improved by lots of performances, especially on the various kinds of plant constructions and material suppliers since founded in 2002.

We sure it will lead your projects successfully and also, we guarantee that not only in low cost but also highly qualified materials would be delivered in earlier time.

All of our members always try to do our best to develop our company as the best one.

We need your continuous attention and encouragement.  
Thank you.

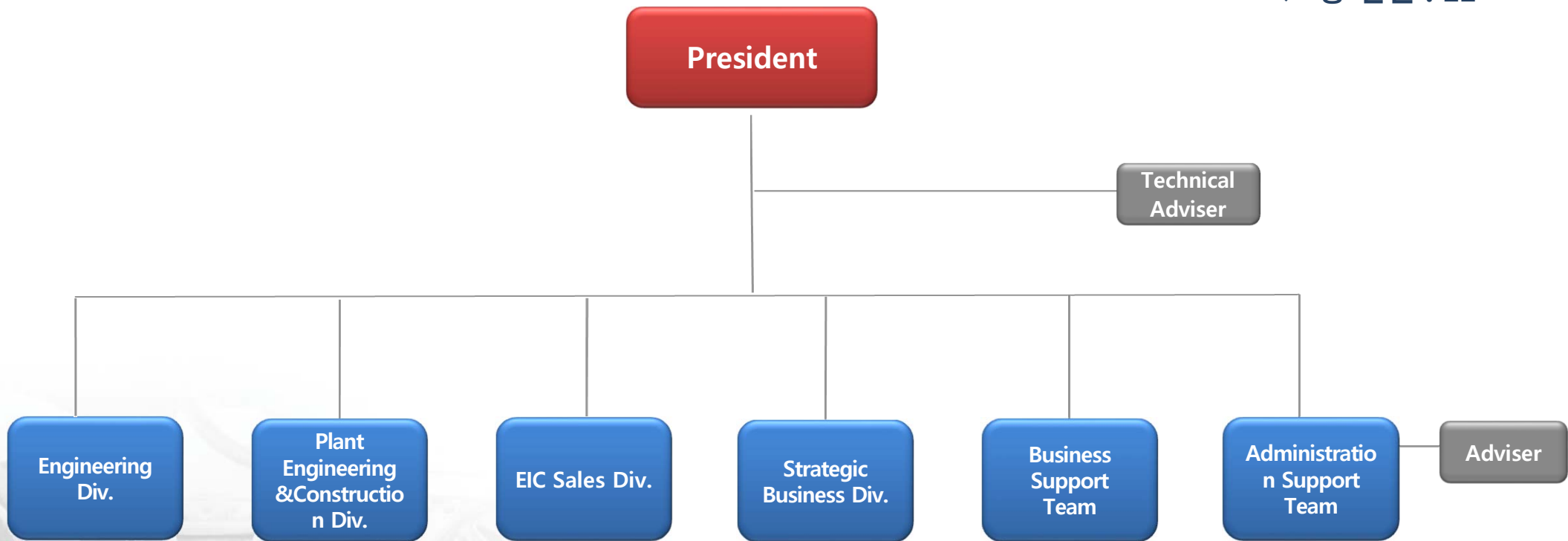
**All the managers and employees of  
Valpe Co., Ltd.**



## Company Outline

<b>Company Name</b>	▪ Valpe Co., Ltd. (For the Value-Added Plant Engineering)
<b>Capital</b>	▪ USD 300,000.00
<b>Date of Foundation</b>	▪ March 13, 2002 (NANO TECH)
<b>Corporation Date</b>	▪ January 8, 2010 (VALPE)
<b>Contact No.</b>	▪ Tel : +82 54-275-5045~9 FAX : +82 54-275-5062~4      ▪ Web : <a href="http://www.valpe.co.kr">www.valpe.co.kr</a>
<b>Registration No.</b>	▪ 506-81-70279
<b>Business Status / Lines of Business</b>	▪ Manufacturing / Machine Parts / Steel Trade
<b>Head Office</b>	▪ 28, Jungmongju-ro, 847 beon-gil, Nam-gu, Pohang, South Korea
<b>Seoul Office</b>	▪ 269 Gosanja-ro, Seongdong-gu, Seoul, South Korea
<b>2<sup>nd</sup> Factory</b>	▪ 190-1, Cheolgangsandan-ro 130beon-gil, Ocheon-eup, Nam-gu, Pohang, South Korea
<b>Indonesia Business Corporation</b>	▪ MEGA CILEGON BLOK A No.7 CILEGON, Indonesia

❖ 총 인원 : 22



### 2002 ~ 2003

- NANO TECH Established
- Registered as POSCO's Supplier and Started Supplying Materials

### 2004 ~ 2005

- Moved Head Office from Gwangyang to Pohang
- Long-term Supply Contract with POSCO Group

### 2006 ~ 2007

- Started Taking Part in Projects Inside and Outside of Korea

### 2008 ~ 2009

- Started Taking Part in Projects of POSCO Group
- Nil-Cor Valve(U.S.A) - Authorized the Exclusive Agent of Korea and Japan
- Designated as a Participant in Turn-key /project of POSCO Group

### 2010

- Incorporated to Valpe Co., Ltd.
- Authorized Supplier for Daewoo Engineering Co., Ltd. (POSCO Engineering, now)
- Authorized Supplier for Samsung Techwin Co., Ltd.
- Participated in CGL Project of POSCO India

### 2011

- Authorized Supplier for Samsung Engineering Co., Ltd.
- Authorized Supplier for GS E&C Corporation.
- Authorized Supplier for Hyundai Engineering Co., Ltd.
- RULMECA Germany GmbH - Authorized Korea Agent

### 2012

- Participated in CGL Project of POSCO Mexico
- POSCO Brazil CSP Subsidiary Facilities Testing Equipment Supply Contract
- Participated in ACL Project of POSCO India
- Participated in Off-gas Power Plant 1 & 2 of POSCO Pohang
- ISO 9001 Certification Acquisition
- Business Innovation Business (MAIN-BIZ) Certification Acquisition

### 2013

- POSCO Gwangyang Rolling Mill, Hot Rolling Facilities Hydraulic Piping Material 1 Lot Supply Contract
- POSCO Gwangyang 4 Hot Rolling Mill, Hot Rolling Facilities Strip Cooling System General Valves 1 Lot Supply Contract
- POSCO Needle Coke Plant Project 14,000 sets of Valves Supply Contract
- Awarded POSCO (eNtoB) as a Certified Partner

### 2014

- Vietnam Formosa HSM Project Supply Contract
- POSCO Brazil CSP Subsidiary Facilities Tools Supply Contract
- Obtained 103 sets of Control Valve Order for POSCO Poland Krakow Waste Thermal Plant Project
- Obtained Valve Replacement Order for POSCO ICT Pohang 1 Cold Rolling Mill Electrical Installation
- Founded R&D Center
- Decrepit Replacement 2<sup>nd</sup> Stage

### 2015

- POSCO Thailand CGL Project Supply Contract
- Vietnam Formosa 2800A Valve Supply Contract
- Seokmun Group Energy Power plant Valve Supply Contract
- Chuncheon Energy Power Plant Valve and Special Items Supply Contract

### 2016

- Malaysia Rapid Project Gate Valve Supply Contract
- POSCO Gwangyang GRE Shut-Off Butterfly Valve 1 Lot Supply Contract
- POSCO Pohang Iron Works 3-ZRM Cylinder Type Butterfly Valve 1 Lot Supply Contract
- Instrument Equipment include Level Controller Supply Contract
- POSCO Pohang 3FINEX Auto Plug Valve & Knife Gate Valve 150 Sets Supply Contract
- Algeria KAIS CCPP PROJECT Forged Valve Supply Contract

- 2016**
  - POSCO Gwangyang 7CGL Utility Gas Facility Valves & Piping 1 Lot Supply Contract
  - POSCO Pohang Iron Works No. 3 Blast Furnace 3<sup>rd</sup> Revamping Project Valve 6,374 sets Supply Contract
  - POSCO Pohang Iron Works 2ACL PJT Main Utility Valves & Piping 1 Lot Supply Contract
  - SNNC Pipe Materials Consignment Long Term Contract for Supply Contract
  - Agency Agreement With PK VALVE
  
- 2017**
  - SC ENG' / NPK Project Manual Valve 57 items 698 sets Supply Contract
  - POSCO Pohang 1 Hot Rolling Mill ECS Facilities Piping, Valves, Supporting materials Supply Contract
  - POSCO-Brazil CSP Cokes Facilities Steam Trap 100 sets, 316 Ti Seamless Pipe 1 Lot Supply Contract
  - Jurassic Production Facilities(JPF) Manual Valve 1 Lot Supply Contract
  - POSCO Pohang Iron Works Electric Machinery Revamping Project Valves & Fittings 1 Lot Supply Contract
  - SAMJIN High Pressure Valve Test Beds & Test Equipment Manufacture Contract
  - SAMSUNG Engineering PETRONAS Rapid PKG #11 Ball Valve AG 4<sup>th</sup> Spring Return Ball 1 Lot Supply Contract
  - SAMSUNG Engineering Rapid PKG6A LLDPE Quick Acting Valve 1 Lot Supply Contract
  - POSCO E&C Panama Costa Norte LNG Terminal Project Measuring Instrument 1 Lot Supply Contract
  - POSCO E&C Pohang Domestic Waste Power Plant LAB Equipment 1 Lot Supply Contract
  
- 2018**
  - Patent Registration of Non-Seat Ball Valve Technology
  - Patent Registration of Shut-Off Swing Disk Valve
  - POSCO E&C Indonesia Multi-Purpose Holder Project Manual Valve 1 Lot Supply Contract
  - POSCO E&C Ansan CCPP Manual High Pressure Valve
  - Pohang SRF Waste Fueling Building Odor Duct Facilities 1 Lot
  - Pohang SRF Fueling Facilities Building Pipe 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> 1 Lot
  - Patent Registration of Gate, Check Valve



**2018**

- Patent Registration of Clamp with a Toothed Block Inner Side
- POSCO Hi-Mn Pilot Tank Project Cryogenic, Manual, Control, Safety Valve 1 Lot Supply Contract
- Patent Registration of Non-Seat Butterfly Valve Technology
- Philippines JG Summit PKG-1 Project Control Valve Package2 1 Lot
- POSCO Pohang STS Annealing & Pickling 2HAPL De-NO x Equipment Pipes 1 Lot
- POSCO Pohang Flanges for the Expansion of Cokes Oven Complex Combustion Equipment 1 Lot
- POSCO Pohang High-Temperature Valves for the Expansion of Cokes Oven Complex Combustion Equipment 1 Lot PKG1, PKG2
- Patent Registration of Solar Panel Installing Device for Circular Pillar
- GS E&C RRW Units Restoration Project GRE Valve 1 Lot

**2019**

- POSCO Pohang 2<sup>nd</sup> Steel 1<sup>st</sup> Converter OG Facilities Flanges for Aged Change of Heat Recovery Steam Generators HP Part 1 Lot
- ZOCV LLC Vietnam EAFD Recycling Plant PJT Manual Valve 1 Lot
- Patent Registration of Tightening Structure for Installing Air-Purifier on the Outside of the Structure
- Authorized Supplier for Korea On-Line E-Procurement System
- Authorized Supplier for KEPCO/ Korea Western Power Co., Ltd. / Korea Southern Power Co., Ltd. / Korea Midland Power Co., Ltd. / Korea South-East Power Co., Ltd. / Korea East-West Power Co., Ltd.
- Authorized Supplier for KEPCO E&C, KEPCO, KPS, Korea Offshore Wind Power Co., Ltd. Korea Power Exchange, KEPCO NF, Korea Power Learning Institute, KAPES Inc. KEPCO International Nuclear Graduate School
- Patent Registration of Pipe Bracket for Photovoltaic Panel Attachment
- POSCO Gwangyang 3<sup>rd</sup> Blast Furnace 2<sup>nd</sup> Water Sink Auto Valve 1 Lot
- POSCO Pohang No. 2~No. 4 Sintering Plant Nox Eliminating Process Facility(New) Control Valve 1 Lot



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- 2019**
- POSCO Gwangyang 3<sup>rd</sup> Blast Furnace Oxygen Control Valve 1 Lot
  - POSCO Pohang Off-Gas Power Plants Construction Manual Valve 1 Lot (2,643 sets)
  - POSCO Pohang Off-Gas Power Plants Construction MOV 1 Lot
  - Authorized Supplier for Hanjin Heavy Industries & Construction Co., Ltd.
  - Authorized Supplier for Hyundai Samho Heavy Industries Co., Ltd.
- 2020**
- POSCO Gwangyang SISTO Including DN100 Diaphragm Valve 1 Lot
  - HSHI Interlock Device for Cryogenic Valve 1 Lot
  - POSCO Pohang Off-Gas Power Plants Construction Control Valve 1Lot
  - POSCO Pohang No.2 Steel Making Plant 1RH Valve & Valve Station 210 Sets
  - POSCO Pohang Off-Gas Power Plants Construction BUTTERFLY VALVE 1000A 1 Lot
  - POSCO Pohang STS 2<sup>nd</sup> Steel High Pressure Oxygen Plug Valve Repair 1 Lot
  - POSCO Pohang 3 Coke Construction Project CDQ Boiler Line Check Valve Repair 1 Lot
  - POSCO Gwangyang No.4 Extension construction for Vaporization Transmission Facility Cryogenic/General Butterfly Valve(Casting) 1Lot, LNG/NG Ball Valve (Cryogenic+NG) 181sets, Ball On-Off Valve & MOV 1Lot, Cryogenic/General Check/Gate Valve (Casting) 1Lot, Check & Gate Valve (Forged) 1Lot, Metering System 1Lot
  - POSCO Pohang HYUNGSAN Development #11 Feed Water Pump Inlet and Outlet Valve Outsourcing Repair 1 Lot
  - Patent Transfer of Shut-Off Swing Disk Valve
  - Patent Transfer of Gate, Check Valve
- 2021**
- POSCO Pohang Hwanho Park “CLOUD ART” Installation\_2nd Fabrication of steel structures 1Lot
  - POSCO Pohang 2Coke Construction Project Gate Valve A217-WC1 1500# 200A 1Lot
  - POSCO Pohang, Gwangyang Blast Furnace Clean Gas Safety Valve Process Valve 1Lot
  - HSHI Interlock Device for Cryogenic Valve 1 Lot

- 2021**
- POSCO Pohang Off-Gas Power Plants Construction Manual Valve 1 Lot
  - POSCO Gwangyang Iron Works No. 4 Blast Furnace 2nd Revamping Project valve-1 Lot
  - POSCO Pohang 2nd Hwaseong plant a new chiller to increase desulfurization ability Project Piping & Support 1, Support 2
  - POSCO Pohang the 6<sup>th</sup> COKE making plant(NEW) Special Piping 1Lot
- 2022**
- POSCO Pohang 2nd Hwaseong plant a new chiller to increase desulfurization ability Project Piping & Support 3 1Lot
  - POSCO Pohang the 6<sup>th</sup> COKE OVEN plate(NEW) Piping & Fitting 2 1Lot
  - POSCO Pohang the 6<sup>th</sup> COKE making plant(NEW) CS Pipe & Fitting 2 1Lot
  - POSCO Gwangyang LNG Terminal the 6<sup>th</sup> TANK Manual Butterfly Valves(General+Cryogenic) 1Lot
  - POSCO Gwangyang LNG Terminal the 6<sup>th</sup> TANK Manual Globe+Gate+Check Valves 91 Sets
  - POSCO Pohang the 6<sup>th</sup> COKE making plant(NEW) SUS Pipe & Fitting 1Lot
  - POSCO Pohang the 6<sup>th</sup> COKE OVEN plate(NEW) Piping & Fitting for Utility 1Lot
  - POSCO Pohang Expansion of Oxygen Nitrogen Tank Main Facilities Manual Valve 327 Sets
  - POSCO Gwangyang Expansion of Nitrogen Tank Main Facilities Manual Valve 155 Sets
  - PANAMA Gatun a combined thermal power plant Casting Valve 1 Lot
  - POSCO Gwangyang Advanced NO Capacity Enhancement ACL for Electric Steel Plate Control Valve 1 Lot
  - POSCO Gwangyang Advanced NO Capacity Enhancement APL for Electric Steel Plate Control Valve 1 Lot
  - PANAMA Colon LNG Terminal Expansion PJT Casting Valve 1 Lot
  - POSCO Pohang Iron Works No. 2 Blast Furnace Injection Equipment Valve 1 Lot
  - POSCO Pohang IRON WORKS 2ND WASTEWATER TREATMENT FACILITY Valve Repair 1Lot
  - POSCO Pohang 2FINEX Columnar Dust Collector SLAG RUNNER Duct
  - Commercialization of Lithium Chloride in Argentina PJT PIPE, FITTING, ACC 1Lot



## Company History

- 2023**
- POSCO Pohang 1st COKE Gas Lind Construction Gas Duct & Support
  - POSCO Pohang 3FINEX Melter Gasifier Cooling Gas Duct Replacement of Old Construction
  - Control Valve for Poland Warsaw Waste Thermal Treatment Plant PJT 1Lot



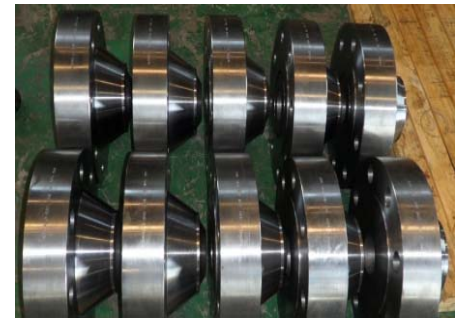
## LINE PIPES

- SEAMLESS
- ERW / EFW
- SPIRAL
- ROLL BENDING
- COATED PIPE



## FITTINGS & FLANGES

- FORGED FITTINGS
- BUTT WELD FITTINGS
- FLANGES
- BOLTS
- GASKETS



## VALVES

- GATE VALVE
- GLOBE VALVE
- CHECK VALVE
- BALL VALVE
- BUTTERFLY VALVE



## INDUSTRIAL MATERIALS

- STEEL PLATE
- HOT ROLLED STEEL PLATE
- COLD ROLLED STEEL PLATE
- STAINLESS STEEL PLATE
- TITANIUM PLATE
- MAGNESIUM SHEET



## FABRICATION

- PIPING SPOOL (CARBON, SUS, TITANIUM, ETC.)
- BELT CONVEYOR SYSTEM OR RELATED PARTS
- STRUCTURE & TANK
- FLEXIBLE JOINT
- PUMP CONNECTORS
- FLEXIBLE HOSE



## OTHERS

- INTERLOCK SYSTEM
- INSTRUMENT
- ELECTRICAL PANEL

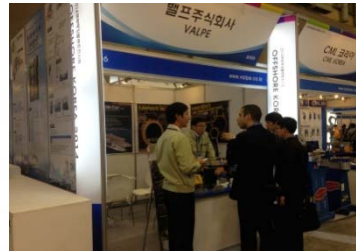
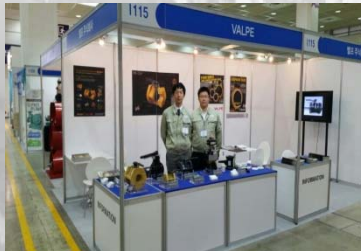


ASTM, API, DIN, EN, BS, JIS, KS and other specifications are also available. Variety of materials are available and mill sheets are also provided. We can take a special order if the item is special or not available from stock.



# Major Makers

Product	Country	Manufacturer	Content	Remark
VALVE	USA	NIL-COR	GRE/GRP Ball, Butterfly, Check Valves	ARAMCO
	USA	TRIMTECK	Special Control Valve	
	USA	COPELAND	Special Ball Valve	
	USA	DHV	Cast Steel, Ball, Forged Steel, Wafer Check, Wellhead Valves	KNPC, ARAMCO, Petroleum Development Oman L.L.C, ADNOC, NIGC
	SPAIN	BABCOCK VALVES	Butterfly, Ball, Gate, Globe, Check, On-off Valves	AES
	SPAIN	DIAVAI	Diaphragm valves	
	CZECH REPUBLIC	MPOWER	Butterfly, Gate, Globe, Check, Casting, Forged Valves	
PIPE	USA	CONLEY	FRP PIPE & Valve	
PUMP	CZECH REPUBLIC	SIGMA	Pump, Pumping equipments	
ROLLER	AUSTRALIA	VAYERON	Smart-Idler (Conveyer Monitoring)	
	GERMANY	RULMECA	Idler , Impact Bar	





## Main Job References

**VALPE Co., Ltd. has a record of supplying and producing the best products in close cooperation with leading companies in various countries, including Asia, the Middle East, Europe, North America, South America, and Africa, as well as Korea.**

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2008	9	POSCO E&C	POSCO Pohang Iron Works Grain-Oriented electrical Steels Hydrogen facilities Piping & Valves 1 Lot	
2008	10	POSCO E&C	POSCO Gwangyang Establish LNG Terminal 1 <sup>st</sup> General Piping (Carbon Steel) 1 Lot	
2008	11	POSCO E&C	POSCO Gwangyang Establish LNG Terminal 1 <sup>st</sup> General Piping (Seamless) 1 Lot	
2009	1	POSCO	POSCO GWANGYANG IRON WORKS 2ND COLDROLLED CAL REALIZATION CONTROL & MANUAL VALVES 667sets	
2009	8	POSCO E&C	POSCO Gwangyang Iron Works Thick plate Accelerated Cooling Facilities Piping & Valves 1 Lot	
2010	4	POSCO Engineering	POSCO Gwangyang Iron Works New Thick Plate Heat Treating Furnace Piping & Valves 1 Lot	
2010	11	POSCO Engineering	POSCO India Maharashtra CGL Project Waste Water Treatment Facility / Pipes & Valves 1 Lot	
2010	11	POSCO	K1H 4POL Control & Manual Valve (730 sets)	
2011	3	POSCO E&C	POSCO Gwangyang Iron Works Plate Mill New Furnace RQ Cooling System, Control & Manual Valve, Piping 284 items 1 Lot	
2011	4	SAMSUNG Engineering	TAKREER RRE Utilities & Off Sites, GRE Ball Valve (15 items, 474 sets)	





## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2011	8	GS E&C	TAKREER RUWAIS REFINERY Expansion Project, GRE Valve (65 items, 256 sets)	
2011	11	POSCO E&C	POSCO Gwangyang Iron Works Detention Basin & Waterway Construction (23 items, 166 sets including 1100A Manual, Swing, Check Valve)	
2012	3	POSCO E&C	POSCO Mexico No. 2 CGL Main Utility Piping & Valves (917 items, 1 Lot)	
2012	4	SAMSUNG Engineering	MUHARAQ Sewage Treatment Plant & Sewage Conveyance System, Non-Slam Check Valve (1 Lot including 26 inches)	
2012	6	POSCO Engineering	POSCO India Cold & Rolling Mill, Waste Water Treatment Facility / Piping & Valves 1 Lot	
2012	6	POSCO E&C	POSCO Indonesia Iron & Steel Works, Cokes Plant Valves (9 items, 83 sets including 500A Teflon Lined Butterfly Valve)	
2012	7	POSCO E&C	POSCO India ACL Furnace Piping 1 Lot	
2012	7	POSCO E&C	POSCO Pohang Off-Gas Power Plants No. 1 & No. 2 Construction, General Manual Valves & Special Items (3,860 items, 9,800 sets)	
2012	9	HYUNDAI Engineering	Group III Base Oil Production Facilities Project, GRE Ball Valve (4 items, 25 sets)	
2013	1	POSCO E&C	POSCO Gwangyang 4 Hot Rolling Mill, Hot Rolling Facilities Hydraulic Piping Material 1 Lot	
2013	4	POSCO E&C	POSCO Gwangyang 4 Hot Rolling Mill, Hot Rolling Facilities Strip Cooling System General Valves (109 items, 10,297 sets)	
2013	4	BHI Co., Ltd.	DONGDUCHEN Combined Power Plant Construction, Gate Valves 92 sets	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2013	4	POSCO PLANTEC	POSNEP Nickel Hydrometallurgy Pilot Plant, On-off & Control Valves (14 items, 65 sets)	
2013	4	POSCO	POSCO Pohang No. 3 New FINEX Main Unit Construction, Manual Valves (256 items, 9,111 sets)	
2013	4	POSCO	POSCO Gwangyang LNG Terminal Unload Facility Butterfly Valve Repair 1 Lot	
2013	5	TOYO Engineering	KALTIM -5 Project 2500 MTPD Ammonia & 3500 MTPD UREA Plant FRP Valve 50 sets	
2013	9	HYUNDAI Engineering	TURKMENBASHI Oil Refinery Reconstruction GRE Control & On-Off Valve 18 sets	
2013	10	POSCO E&C	POSCO Needle Coke Construction Project, Manual Valves 13,411 sets	
2013	12	POSCO	POSCO Gwangyang GRE Shut-Off Ball Valves (3 items, 65 sets)	
2014	1	GS E&C	RUWAIS Refinery Expansion Project (Package 2) GRE Valve 1 Lot	
2014	3	POSCO E&C	POSCO Gwangyang Iron Works SNG Project 14 <sup>th</sup> Water Spray Valve 1 Lot	
2014	4	POSCO	POSCO Gwangyang SNG Project Piping & Valves 1 Lot	
2014	5	POSCO E&C	Vietnam FORMOSA HSM Project Package 1-1 Pipe & Fitting (3,200t, 1 Lot)	
2014	5	POSCO E&C	Vietnam FORMOSA HSM Project Package 1-2 Pipe & Fitting (522t, 1 Lot)	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2014	5	POSCO	Samcheok LNG Project Flange, 30 Inch, ASTM A182 GR F304 1 Lot	
2014	5	DONGJIN E&C	POSCO Needle Coke Construction Project Valve 1 Lot	
2014	6	SAMSUNG Engineering	CBDC Kuwait Project GRE Valve 61 sets	
2014	7	POSCO PLANTEC	POSCO Brazil CSP Subsidiary Facilities Storage Gas Bombe Including Tools (1 Lot, 1980 sets)	
2014	9	POSCO E&C	Poland POSCO Krakow Waste Thermal Plant Project Control Valve (1 Lot, 100 sets)	
2014	9	POSCO ICT	POSCO Pohang Iron Works 1 Cold Rolling Mill Electrical Installation Decrepit Replacement 2 <sup>nd</sup> Stage Valve Replacement 1 Lot	
2014	10	POSCO Engineering	POSCO Thailand TGS CGL Project Environmental Equipment Supply Valve (1 Lot, 755 sets)	
2014	12	DONGJIN E&C	POSCO Pohang Iron Works 1 COG Holder Including 2000A Gate Valve 1 Lot	
2015	1	POSCO E&C	POSCO Thailand CGL 1 <sup>st</sup> Piping & Manual Valve 1 Lot	
2015	3	POSCO E&C	POSCO Thailand CGL 2 <sup>nd</sup> Piping & Manual Valve 1 Lot	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2015	6	POSCO E&C	Vietnam FORMOSA HRM Project Including 2800A Triple-Offset Butterfly Valve 1 Lot	
2015	8	POSCO E&C	Seokmun Community Energy Project 1 <sup>st</sup> Manual Valve 618 items 1 Lot	
2015	8	POSCO E&C	Chuncheon Combined Heat & Power Plant Manual Valve & Special Items 1,364 items 1 Lot	
2015	11	HITACHI ZOSEN (JAPAN)	TRUKMENISTAN TGF Project GRE Check Valve 1 Lot	
2015	11	GETECH	POCR Upgrading Project Interlock System 1 Lot	
2015	12	TOYO Engineering	TRUKMENISTAN TGPC PP Project Valve Interlock System 1 Lot	
2015	12	POSCO PLANTEC	POSCO Pohang Lithium Hydroxide Pilot Facility Control Valve (34 items, 126 sets)	
2016	2	ULSAN PLANT	PETRONAS Rapid Project Gate Valve (23 items, 75 sets)	
2016	3	POSCO	POSCO Gwangyang GRE Shut-Off Butterfly Valves 1 Lot	
2016	3	UNEX	POSCO Pohang Iron Works 3-ZRM Cylinder Type Butterfly Valve (22 items)	
2016	4	PT KRAKATAU POSCOENERGY	Instrument Equipment Including Level Controller 1 Lot 30 sets	
2016	4	POSCO PLANTEC	POSCO Pohang 3FINEX Auto Plug Valve & Knife Gate Valve 1 Lot 150 sets	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2016	4	POSCO PLANTEC	Algeria KAIS CCPP Project Forged Valve 82 sets	
2016	5	POSCO Engineering	POSCO Gwangyang 7CGL Utility Gas Facility Valves & Piping 1 Lot	
2016	6	TMC	POSCO Pohang Iron Works 2 ACL Project Main Utility Piping (1 <sup>st</sup> ) Valves & Piping 1 Lot	
2016	6	POSCO E&C	POSCO Pohang Iron Works COG to Liquid Hydrogen Facility Revamping Project Valves & Piping 1 Lot	
2016	7	POSCO PLANTEC	POSCO Pohang Iron Works No. 3 Blast Furnace 3 <sup>rd</sup> Revamping Project Metal Ball Valve 6,374 sets	
2016	7	TMC	POSCO Pohang Iron Works 2 ACL Main Utility Piping(2 <sup>nd</sup> ) Valves & Piping 1 Lot	
2016	7	SNNC	Long-Term Supply Contract W/ SNNC 107 types 4,240 EA Including Elbow	
2016	8	UNEX	POSCO Pohang Iron Works 3ZRM-Vacuum Filter Supply Equipment	
2016	8	POSCO	POSCO Pohang Outsourcing Maintenance Manual Gate Valve 1 Lot POSCO HYUNGSAN Development #12 Boiler for Line 5H. pH & 6H. pH	
2016	8	POSCO	POSCO Gwangyang Steel Mill 3 types of Shut Off & Manual Acid Resistant Butterfly Valve 1 Lot	
2016	9	POSCO	POSCO Gwangyang Steel GRE Nil-Cor Shut-Off Butterfly Valve 1 Lot	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2016	9	POSCO E&C	POSCO Gwangyang Steel 7CGL RCL Welder Tank & Piping 1 Lot	
2016	10	PT KRAKATAU POSCO ENERGY	POSCO Indonesia Iron & Steel Works, Power Plant Solenoid Valve & Others 1 Lot	
2016	11	POSCO E&C	Chuncheon Combined Heat & Power Plant 3 <sup>rd</sup> General Pipes & Fittings 1 Lot	
2016	12	POSCO ENERGY	POSCO Gwangyang Power Plant No.1, 2 HRSG HPEC1 Lower Header Nozzle Supply Piping 1 Lot	
2016	12	AERIX	SEBANG Industrial Carbon Plant No. 3 Valve 180 Sets	
2016	12	POSCO E&C	POSCO Pohang Iron Works CGL Revamping Project Sample Lock Forming Tester 1 Lot	
2017	1	DONGBANG PLANTECH	POSCO Pohang 1 Hot Rolling Mill ECS Facility Piping 1 Lot	
2017	1	DKC	SC ENG' / NPK Project Manual Valve (57 items, 698 sets)	
2017	1	DONGBANG PLANTECH	POSCO Pohang 1 Hot Rolling Mill ESC Facility Valve 1 Lot	
2017	1	DONGBANG PLANTECH	POSCO Pohang 1 Hot Rolling Mill ESC Facility Support 1 Lot	
2017	2	POSCO E&C	POSCO Brazil CSP Cokes Facility Steam Trap 100 Sets	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2017	2	SPARKLET ENGINEERS PRIVATE LIMITED	Jurassic Production Facility(JPF) Manual Valve 1 Lot	
2017	3	POSCO E&C	POSCO Brazil CSP Cokes Facility 316 Ti Seamless Pipe 1 Lot	
2017	4	POSCO PLANTEC	POSCO Pohang Iron Works Electric Machinery Revamping Project(1 <sup>st</sup> ) Valves & Fittings 1 Lot	
2017	4	DHV Valve	Kuwait KOC IDE Project FLOWBUS Pneumatic Actuator (Ball, 16" 600# / FLOWBUS) 1 Lot	
2017	4	POSCO E&C	Chuncheon Combined Heat & Power Plant 5 <sup>th</sup> General Pipes & Fittings 1 Lot	
2017	4	SAMJIN PRECISION	High Pressure Valve Test Beds & Test Equipment Manufacture	
2017	4	POSCO E&C	POSCO Brazil CSP Power Plant – Demineralized Water Units Supply Equipment 1 Lot	
2017	5	POSCO E&C	Pohang Domestic Waste Power Sleeve Manufacture 1 Lot	
2017	7	POSCO E&C	POSCO Brazil CSP Cokes SUS Fitting 1 Lot	
2017	8	POSCO PLANTEC	POSCO Pohang Iron Works Electric Machinery Revamping Project(2 <sup>nd</sup> ) Valve & Fitting 1 Lot	
2017	8	SAMSUNG Engineering	PETRONAS Rapid PKG#11 Ball Valve AG 4 <sup>th</sup> Spring Return Ball 1 Lot	
2017	9	SAMSUNG Engineering	Rapid PKG6A LLDPE Quick Acting Valve 1 Lot	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2017	10	POSCO ICT	POSCO Pohang Smart Data Center Strainer 1 Lot	
2017	11	POSCO	POSCO Pohang KSB ISORIA Shut-Off Butterfly Valve DN200 1 Lot	
2017	11	POSCO E&C	PANAMA Costa Norte LNG Terminal Project Measuring Instrument 153 Sets	
2017	11	POSCO E&C	Pohang Domestic Waste Power Plant LAB Equipment 1,020 Sets	
2017	12	COWAY ENTECH	POSCO Pohang Iron Works FINEX 2 <sup>nd</sup> Factory Rationalization Facilities Water Treatment Manual Butterfly Valve 1 Lot	
2018	1	MAIN TECHO	Pohang SRF Waste Fueling Building Odor Duct Facilities 1 Lot	
2018	1	POSCO E&C	Indonesia Multi-Purpose Holder Project Manual Valve & Piping 1 Lot	
2018	2	POSCO E&C	Ansan CCPP Manual High Pressure Valve 1 Lot	
2018	2	POSCO PLANTEC	POSCO Pohang Iron Works 2FINEX Utility Pipe 1 Lot	
2018	3	MAIN TECHO	Pohang SRF Fueling Facilities Building Pipe 1 <sup>st</sup> 1 Lot	
2018	3	POSCO E&C	POSCO Hi-Mn Pilot Tank Project Cryogenic, Manual, Control, Safety Valve 32 Sets	
2018	4	POSCO	POSCO Pohang FINEX 2 <sup>nd</sup> Factory Cyclone Cleaning 40 Bar Ball Valve 1 Lot	



## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2018	4	POSCO	POSCO Pohang Swing Check Valve RSK-S DN150 1 Lot	
2018	4	MAIN TECHO	Pohang SRF Fueling Facilities Building Pipe & Others Including Plate 3 <sup>rd</sup> 1 Lot	
2018	5	SEOKMUN ENERGY	Seockmun Energy CWP a Non-Slam check Valve Repair 1 Lot	
2018	6	POSCO E&C	POSCO Pohang SRF Project Equipment 1 Lot	
2018	6	MAIN TECHO	Pohang SRF Fueling Facilities Building Pipe & Others including Plate 3 <sup>rd</sup> 1 Lot	
2018	7	POSCO PLANTEC	POSCO Pohang Plate Mill 1, 2 Heat Treatment Furnace Valves for the Replacement of COG Main Pipelines 1 Lot	
2018	7	POSCO E&C	Philippines JG Summit PKG-1 Project Control Valve Package2 50 Sets	
2018	8	POSCO E&C	POSCO Pohang STS Annealing & Pickling 2HAPL De-Nox Equipment Pipes 1 Lot	
2018	9	POSCO PLANTEC	POSCO Pohang 2 Cokes Damper 1800A for the Replacement of Bleeder & BFG 1 Lot	
2018	9	MAIN TECHO	Pohang SRF Fueling Facilities Building Pipes & Others 4 <sup>th</sup> 1 Lot	
2018	9	POSCO PLANTEC	POSCO Pohang Flanges for the Expansion of Cokes Oven Complex Combustion Equipment 1 Lo	
2018	9	POSCO PLANTEC	POSCO Pohang High-Temperature Valves for the Expansion of Cokes Oven Complex Combustion Equipment 483 Sets PKG1	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2018	10	POSCO PLANTEC	POSCO Pohang High-Temperature Valves for the Expansion of Cokes Oven Complex Combustion Equipment 235 Sets PKG2	
2018	12	POSCO E&C	Chuncheon Combined Heat & Power Plant Repair PSV and Supplement Valves	
2018	12	POSCO E&C	POSCO Pohang STS Annealing & Pickling PP Piping 1 Lot	
2018	12	GS E&C	RRW Units Restoration Project GRE Valve 1 Lot	
2019	1	POSCO PLANTEC	POSCO Pohang 2 <sup>nd</sup> Steel 1 <sup>st</sup> Converter OG Facilities Flanges for Aged Change of Heat Recovery Steam Generators HP Part 1 Lot	
2019	1	POSCO E&C VIETNAM	ZOCV LLC Vietnam EAFD Recycling Plant PJT Manual Valve 1,843 Sets	
2019	2	POSCO E&C	POSCO Pohang & Gwangyang Power Plant De-NOx Facilities Establishment Anchor Bolt for Pohang & Decompression Device for Gwangyang PKG1 1 Lot	
2019	2	POSCO E&C	POSCO Pohang SRF Commissioning Equipment & Consumable Goods PKS2 1 Lot	
2019	2	POSCO E&C	POSCO Pohang & Gwangyang Power Plant De-NOx Facilities Establishment Anchor Bolt for Pohang & Decompression Device for Gwangyang PKG2 1 Lot	
2019	3	POSCO E&C	POSCO Gwangyang #5, #9 Urea Solution Equipment Pipes 1 Lot	
2019	4	POSCO E&C	POSCO Gwangyang 3 <sup>rd</sup> Blast Furnace 2 <sup>nd</sup> Water Sink Auto Valve 72 Sets	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2019	6	POSCO E&C	POSCO Pohang No. 2~No. 4 Sintering Plant Nox Eliminating Process Facility(New) Control Valve 1 Lot	
2019	6	POSCO ICT	POSCO Gwangyang 3 <sup>rd</sup> Blast Furnace Oxygen Control Valve 1 Lot	
2019	11	POSCO E&C	POSCO Pohang Off-Gas Power Plants Construction Manual Valve 2,643 Sets	
2019	12	POSCO E&C	POSCO Pohang Off-Gas Power Plants Construction MOV 56 Sets	
2020	1	POSCO	POSCO Gwangyang SISTO Including DN100 Diaphragm Valve 1 Lot	
2020	1	HSHI	HSHI Interlock Device for Cryogenic Valve 1 Lot	
2020	2	POSCO ICT	POSCO Pohang Off-Gas Power Plants Construction Control Valve 1Lot	
2020	2	POSCO E&C	POSCO Pohang No.2 Steel Making Plant 1RH Valve & Valve Station 210 Sets	
2020	3	POSCO	POSCO Pohang Off-Gas Power Plants Construction BUTTERFLY VALVE 1000A 1 Lot	
2020	5	POSCO	POSCO Pohang STS 2 <sup>nd</sup> Steel High Pressure Oxygen Plug Valve Repair 1 Lot	
2020	6	POSCO	POSCO Pohang 3 Coke Construction Project CDQ Boiler Line Check Valve Repair 1 Lot	
2020	6	HSHI	HSHI Interlock Device for Cryogenic Valve 1 Lot	



## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2020	9	POSCO E&C	POSCO Gwangyang No.4 Extension construction for Vaporization Transmission Facility Cryogenic/General Butterfly Valve(Casting) 1 Lot	
2020	9	POSCO E&C	POSCO Gwangyang No.4 Extension construction for Vaporization Transmission Facility LNG/NG Ball Valve (Cryogenic+NG) 181 Sets	
2020	9	POSCO E&C	POSCO Gwangyang No.4 Extension construction for Vaporization Transmission Facility Ball On-Off Valve & MOV 1 Lot	
2020	10	POSCO E&C	POSCO Gwangyang No.4 Extension construction for Vaporization Transmission Facility Cryogenic/General Check/Gate Valve (Casting) 1 Lot	
2020	10	POSCO E&C	POSCO Gwangyang No.4 Extension construction for Vaporization Transmission Facility Check & Gate Valve (Forged) 1 Lot	
2020	11	POSCO E&C	POSCO Gwangyang No.4 Extension construction for Vaporization Transmission Facility Metering System 1 Lot	
2020	11	POSCO	POSCO Pohang HYUNGSAN Development #11 Feed Water Pump Inlet and Outlet Valve Outsourcing Repair 1 Lot	
2021	2	POSCO	POSCO Pohang Hwanho Park "CLOUD ART" Installation_2nd Fabrication of steel structures 1Lot	
2021	2	POSCO	POSCO Pohang 2Coke Construction Project Gate Valve A217-WC1 1500# 200A 1 Lot	
2021	3	HSHI	HSHI Interlock Device for Cryogenic Valve 1 Lot	
2021	4	POSCO E&C	POSCO Gwangyang Blast Furnace Clean Gas Safety Valve Process Valve 1 Lot	
2021	4	POSCO E&C	POSCO Pohang Blast Furnace Clean Gas Safety Valve Process Valve 1Lot	

## Main Job References

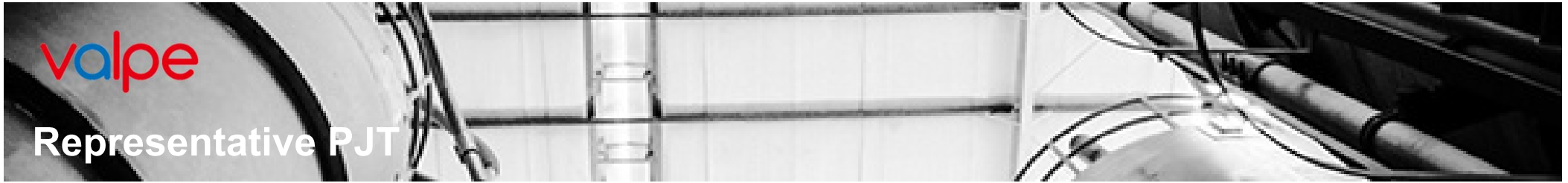
Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2021	5	HSHI	HSHI Interlock Device for Cryogenic Valve 1 Lot	
2021	6	POSCO E&C	POSCO Pohang Off-Gas Power Plants Construction Manual Valve 1 Lot	
2021	6	POSCO E&C	POSCO Gwangyang Iron Works No. 4 Blast Furnace 2nd Revamping Project valve-1 2,100 Sets	
2021	9	HSHI	HSHI Interlock Device for Cryogenic Valve 1 Lot	
2021	9	POSCO E&C	POSCO Pohang 2nd Hwaseong plant a new chiller to increase desulfurization ability Project Piping & Support 1 1Lot	
2021	11	POSCO E&C	POSCO Pohang 2nd Hwaseong plant a new chiller to increase desulfurization ability Project Piping & Support 2 1Lot	
2021	12	POSCO E&C	POSCO Pohang the 6 <sup>th</sup> COKE making plant(NEW) Special Piping 1Lot	
2022	1	POSCO E&C	POSCO Pohang 2nd Hwaseong plant a new chiller to increase desulfurization ability Project Piping & Support 3 1Lot	
2022	3	POSCO E&C	POSCO Pohang the 6 <sup>th</sup> COKE OVEN plate(NEW) Piping & Fitting 2 1Lot	
2022	3	POSCO E&C	POSCO Pohang the 6 <sup>th</sup> COKE making plant(NEW) CS Pipe & Fitting 2 1Lot	
2022	4	POSCO E&C	POSCO Gwangyang LNG Terminal the 6 <sup>th</sup> TANK Manual Butterfly Valves(Ganeral+Cryogenic) 18 Sets	
2022	4	POSCO E&C	POSCO Gwangyang LNG Terminal the 6 <sup>th</sup> TANK Manual Globe+Gate+Check Valves 91 Sets	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2022	4	POSCO E&C	POSCO Pohang the 6 <sup>th</sup> COKE making plant(NEW) SUS Pipe & Fitting 1Lot	
2022	4	POSCO E&C	POSCO Pohang the 6 <sup>th</sup> COKE OVEN plate(NEW) Piping & Fitting for Utility 1Lot	
2022	5	POSCO E&C	POSCO Pohang Expansion of Oxygen Nitrogen Tank Main Facilities Manual Valve 327 Sets	
2022	5	POSCO E&C	POSCO Gwangyang Expansion of Nitrogen Tank Main Facilities Manual Valve 155 Sets	
2022	8	POSCO E&C	PANAMA Gatun a combined thermal power plant Casting Valve 1 Lot	
2022	8	POSCO E&C	PANAMA Colon LNG Terminal Expansion PJT Casting Valve 1 Lot	
2022	9	POSCO E&C	POSCO Gwangyang Advanced NO Capacity Enhancement ACL for Electric Steel Plate Control Valve 1 Lot	
2022	9	POSCO E&C	POSCO Gwangyang Advanced NO Capacity Enhancement APL for Electric Steel Plate Control Valve 1 Lot	
2022	10	POSCO E&C	POSCO Pohang Iron Works No. 2 Blast Furnace Injection Equipment Valve 1 Lot	
2022	10	POSCO	POSCO Pohang IRON WORKS 2ND WASTEWATER TREATMENT FACILITY Valve Repair 1Lot	
2022	11	DANGSUNG	POSCO Pohang 2FINEX Columnar Dust Collector SLAG RUNNER Duct	
2022	12	POSCO E&C	Commercialization of Lithium Chloride in Argentina PJT PIPE, FITTING, ACC 1Lot	
2023	1	POSCO PLANTEC	POSCO Pohang 1st COKE Gas Lind Construction Gas Duct & Support	

## Main Job References

Year	Mon.	Contractor	Project Name & Materials Supplied	Remark
2023	2	POSCO PLANTEC	POSCO Pohang 3FINEX Melter Gasifier Cooling Gas Duct Replacement of Old Construction	
2023	2	POSCO E&C S.A Oddzial w Polsce	Control Valve for Poland Warsaw Waste Thermal Treatment Plant PJT 1Lot	
2023	3	ENTOB	POSCO Gwangyang High-purity Nickel Field Oxygen Globe Valve 2 items	
2023	3	HK SOLUTION.CO.KR	POSCO Gwangyang Environmental Facility Improvement Work for Wastewater Treatment Activated Carbon Regeneration Furnace- Damper&Valve	
2023	3	POSCO E&C	POSCO Gwangyang Electrical Steel Advanced NO Capacity Enhancement (EP) Step 2 Control Valve	
2023	3	POSCO E&C	POSCO China-Hebei Steel No.2 CGL Counter Flange for Field Instrument	
2023	4	POSCO DX	POSCO Chemical Pohang Cathode Material Plant Phase 1 Project Valve Purchase	
2023	4	POSCO PLANTEC	POSCO Pohang CGL Driver Explosion-Proof Door and [Cold-water flood recovery]Plated Mechanical Equipment Performance Restoration (Construction)	
2023	4	POSCO E&C	POSCO Gwangyang New Air Oxygen Mixer for High-Purity Nickel Sulfate Manufacturing Facility	
2023	3	ENTOB.CO.KR	POSCO Gwangyang High-purity Nickel Field Oxygen Globe Valve 2 items	
2023	3	POSCO E&C	POSCO Gwangyang Electrical Steel Advanced NO Capacity Enhancement (EP) Step 2 Control Valve	



Space Walk, which has become a new landmark of Pohang, the city of iron and light, is joined by POSCO.

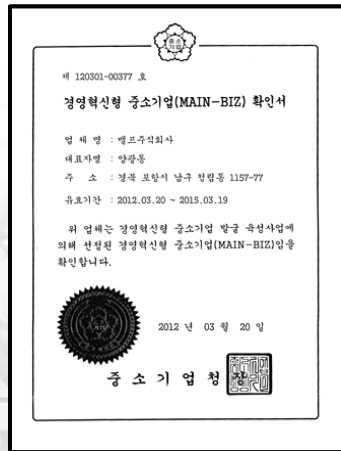
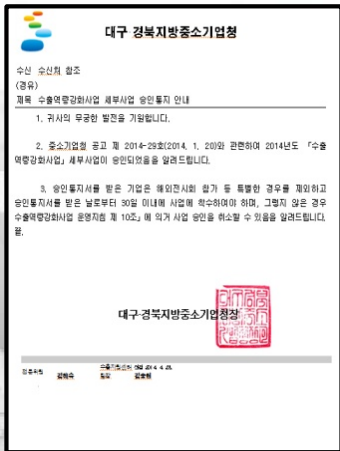
: Pohang Hwanho Park "CLOUD ART" Installation\_2nd Fabrication of steel structures 1 Lot

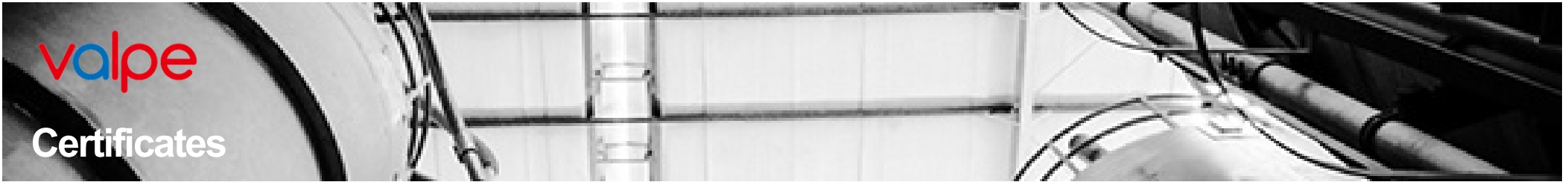




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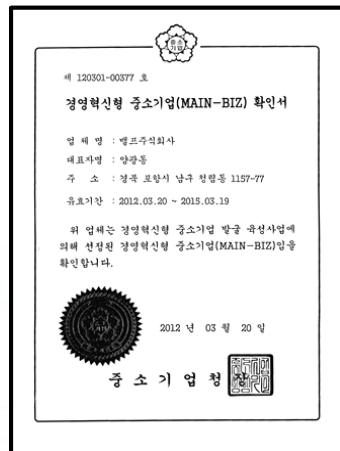
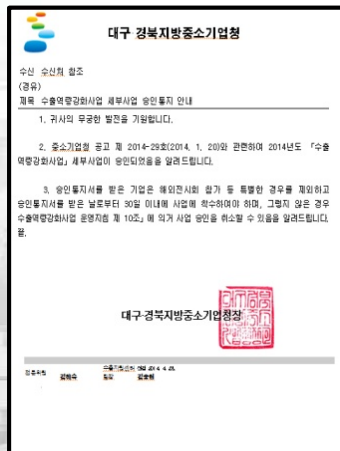
Issued Association	Certificate	Scope	Approved Date
SMBA	MAIN-BIZ	MAIN-BIZ	Mar, 2012
	international marketing program	2014 International Marketing Program Selection	Apr, 2014
Korea ON-Line E-Procurement System	Korea ON-Line E-Procurement System	Qualification Registration of Competitive Bid	Mar, 2019
KEPCO	KEPCO	Qualification Registration of Bid	Mar, 2019





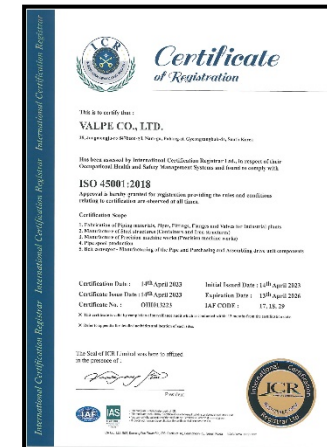
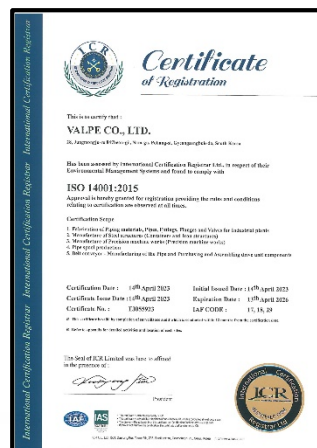
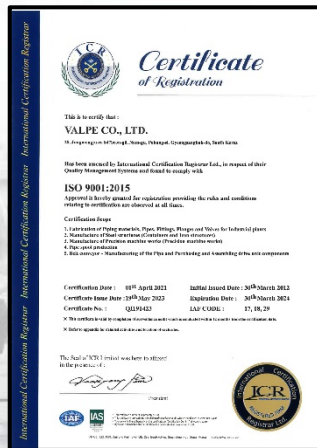
# Certification

Issued Association	Certificate	Scope	Approved Date
ICR	ISO 9001:2008	Manufacture, Supply and Servicing of Piping Materials for Industrial Plant	Mar, 2012
SMBA	MAIN-BIZ	MAIN-BIZ	Mar, 2012
	international marketing program	2014 International Marketing Program Selection	Apr, 2014
Korea ON-Line E-Procurement System	Korea ON-Line E-Procurement System	Qualification Registration of Competitive Bid	Mar, 2019
KEPCO	KEPCO	Qualification Registration of Bid	Mar, 2019



# Certification

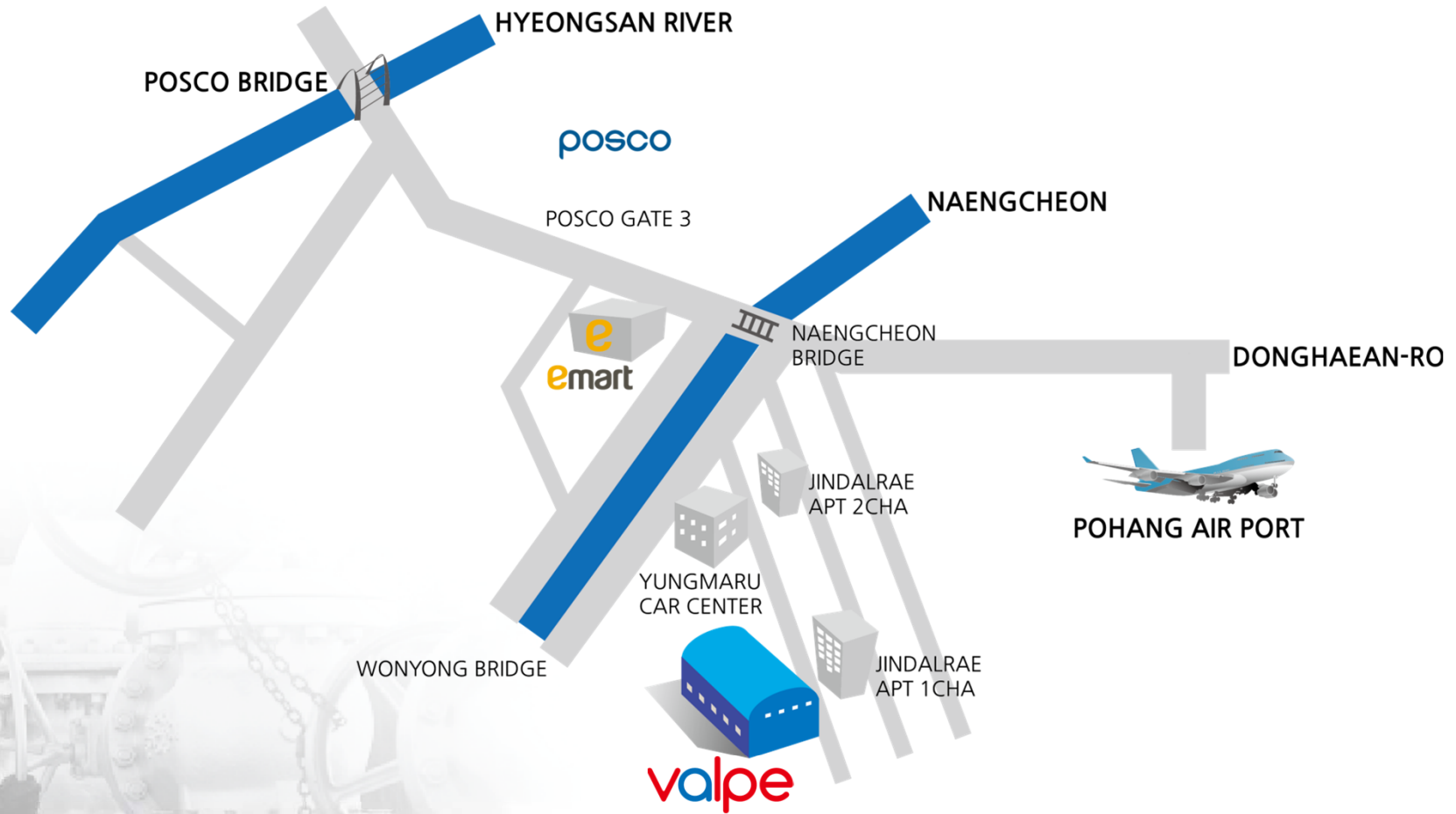
Issued Association	Certificate	Scope	Approved Date
ICR	ISO 9001:2008	<ol style="list-style-type: none"> <li>1. 산업 플랜트용 배관 자재, 파이프, 피팅, 플랜지 및 밸브에 대한 제작</li> <li>2. Steel structure (제관 및 철구조물) 제작</li> <li>3. Precision machine works (정밀기계 가공물) 제작</li> <li>4. Pipe spool 제작</li> <li>5. Belt conveyor - 제관물 제작 및 Drive unit 구성품 구매 및 조립</li> </ol>	Mar, 2012
ICR	ISO 14001:2015		April, 2023
ICR	ISO 45001:2018		April, 2023



# Certification

Issued Association	Certificate	Scope	Approved Date
KOREAN INTELLECTUAL PROPERTY OFFICE	NON-SEAT BALL VALVE TECHNOLOGY	Patent Registration of Non-Seat Ball Valve Technology	Jan, 2018
	NON-SEAT BUTTERFLY VALVE TECHNOLOGY	Patent Registration of Non-Seat Butterfly Valve Technology	Jul, 2018
	CLAMP WITH A TOOTHED BLOCK INNER SIDE	Patent Registration of Clamp with a Toothed Block Inner Side	Nov, 2018
	SOLAR PANEL INSTALLING DEVICE FOR CIRCULAR PILLAR	Patent Registration of Solar Panel Installing Device for Circular Pillar	Dec, 2018
	PIPE BRACKET FOR PHOTOVOLTAIC PANEL ATTACHMENT	Patent Registration of Pipe Bracket for Photovoltaic Panel Attachment	Apr, 2019
	TIGHTENING STRUCTURE FOR INSTALLING AIR PURIFIER ON THE OUTSIDE OF THE STRUCTURE	Patent Registration of Tightening Structure for Installing Air-Purifier on the Outside of the Structure	Aug, 2019

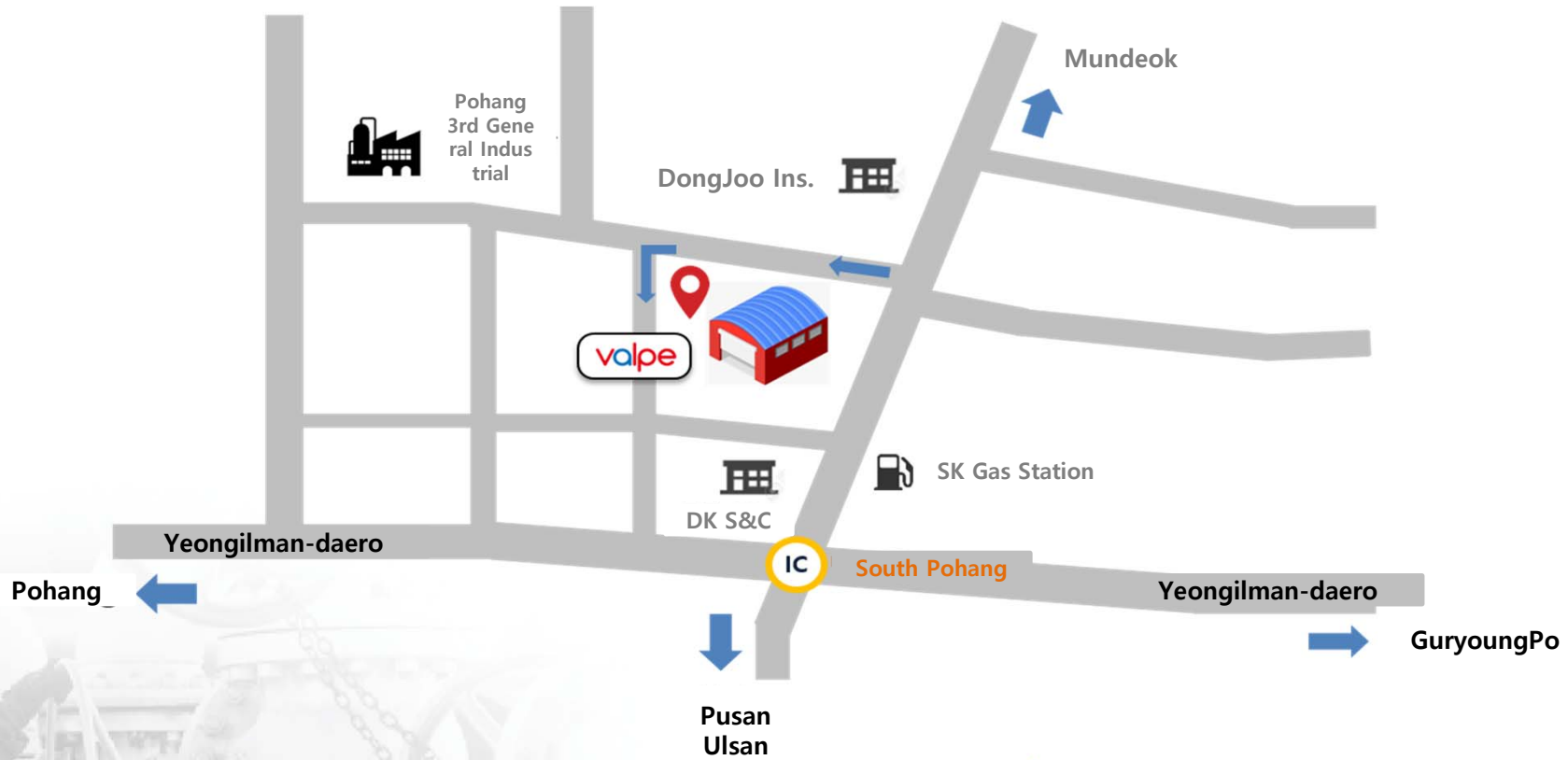




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**Thank You**