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Company Profile ■

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# Company Profile

<b>Business Founded</b>	1965-05-06
<b>Original Company Name</b>	WISE Control Inc.
<b>Date of Commencement of Supplying the Item for Application</b>	1965-12-10
<b>Name of Parent Company</b>	GD Inc.



D&B D-U-N-S Registered™ Member Since: Nov-21-2013

**D&B D-U-N-S Registered™ Profile**

**Corporate Information**

**Company Name:** Wise Control Inc.  
**Business Address:** 2022, Deogyong-daero, Giheung-gu, Yongin, Kyonggi, 446905, Republic of Korea  
**Tel:** +82 (31)2805101  
**Fax:** +82 (31)2805105  
**Current Website:** <http://www.dunsregistered.com>  
**Main Website:** <http://www.wisecontrol.com>  
**Email Address:** [wise-ho@wisecontrol.com](mailto:wise-ho@wisecontrol.com)  
**Employee Size (Range):** 153  
**Export:** yes  
**Import:** yes

**Registration Information**

**Line of Business:** Mfg of Pressure Measurement Instruments & Temperature Gauge  
**SIC Codes:**  
 38230200 - Pressure measurement instruments, industrial  
 38230400 - Industrial process measurement equipment  
 38230100 - Temperature measurement instruments, industrial  
**Business Type:** Company Limited  
**Date of Registration:** 2007  
**Registration Number:** Business Registration Number 1428110776, Corporation Number 1345110120672

**D&B Information**


**DUNS Number:** 631091415

**Key Employees**

**Chief Executive Officer:** Mr. Sang Hoon Lee  
**Chief Executive Officer:** Mr. Ki Yong Park  
**Financial Controller:** Mr. Jeong Su Kang  
**Director:** Mr. Seong Seon Oh  
**Director:** Mr. Yeong Il Byeon

**Business Information**

**Linkage Information:**  
parent: 631151834 GD Inc.



[Click to purchase a business report for this company.](#)

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# Brief History

<b>1965 - 2006</b>	1965.12	Established in Seoul (Woojin Instrument IND. CO., LTD)
	1982.04	Acquired KS (Korea Industrial Standard)
	1988.06	Established R&D
	1994.09	Acquired ISO 9001 Certification for QA System
	1997.09	Company name change to Woojin Industrial system INC.
	1999.06	Acquired certification of EN837-1 for Pressure Gauges
	2000.03	Company name change to Woojin Instrument & System Engineering INC.
	2004.11	Acquired certification of IECEx for Thermocouple, R.T.D & Switch
	2006.01	Acquired 3-A symbol marking by 3-A Sanitary Standards, Inc.
	2006.08	Acquired certificate of ATEX (CE Marking) for Pressure & Temperature switch
	2006.08	Acquired certificate of ATEX (CE Marking) for Thermocouple & R.T.D
<b>2007 - 2018</b>	2007.12	Company name change to WISE Control Inc.
	2009.12	Acquired certificate of KEMA for Temperature Sensor (ATEX Ex ia IIC T6 to T1)
	2011.09	Acquired of Quality System Certificate for Manufacturing of Class 1E Thermocouple & RTD (KEPIC-EN) Acquired of Quality System Certificate for Supplying Thermowell (KEPIC-MN Except for Welding & Repair Welding)
	2012.04	Relocate an Office - Flow & Level Business
	2013.01	Revised certificate of Bureau Veritas for Space Heater (ATEX Ex e II Gb)
	2013.01	Acquired of Quality System Certificate for Manufacturing of Class 1,2,3 Fabrication for Parts & Appurtenances (Inclusion of design scop) - MN
	2013.03	Acquired Pressure Equipment Directive Certification (97/23/EC) Selected as KB Bank's Global Hidden Champion
	2015.02	Entire Wise Control Employee's 50th Anniversary Trip to HongKong
	2017.04	Launched "GAM SENSOR", a specialized brand of MEMS sensor
	2018.07	Established Seoul Office

## About us

For more than 50 years, the name WISE has been standing for innovation and quality in the field of Pressure, Temperature, Flow, Level and Gas measurement. WISE is comprised of several products divisions, state-of-the art manufacturing facilities, service center and over 60 distributors worldwide. WISE is a unique organization of individuals linked by the pursuit of excellence in product design, manufacture, service and distribution.

Major markets are served by WISE including the power generating industry, oil & gas, petrochemical and chemical processing, the pulp & paper industry, semiconductor manufacturing, the metallurgical industry, biopharmaceutical and food & beverage industry.

WISE will continue its efforts to make WISE products an integral part of the development plans of its customers.

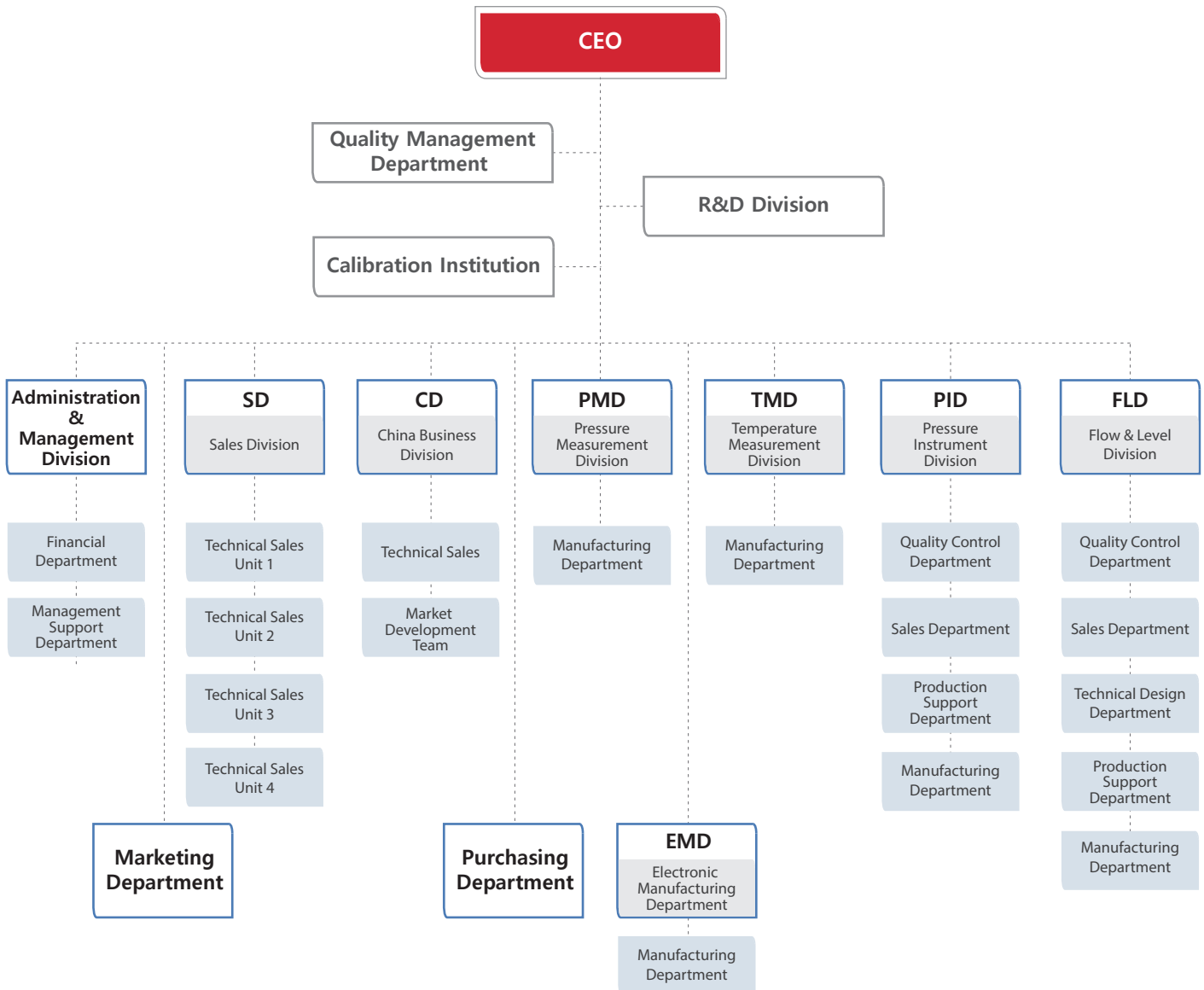
The new and exciting challenges will be met by building on a successful part rooted in recognizing and responding to customer needs, designing and producing quality products to meet those needs, providing premier customer service, and building a strong & lasting business relationship.

# The Status of specialized Technical Lab Force

Licensed Field	Name of License	Career Record(approx.)	No. of Licensee
Instrumentation & Control	Instrumentation & Control Engineer 2nd Level	37 Years	1
	Industrial Instrumentation & Control Engineer	17 Years	1
Mechanical Drawing	Mechanical Drawing Engineer 2nd Level	32 Years	1
	CAD Engineer	17 Years	2
	CAD Engineer	12 Years	2
Precision Measuring	Precision Measuring Engineer	22 Years	1
Metal Porcessing (Lathe)	Lathe Engineer	37 Years	1
	Lathe Engineer 2nd Level	27 Years	2
	Jig Design Engineer 2nd Level	32 Years	1
	Numerical Control lathe Engineer	17 Years	2
	Computer Application lathe Engineer	12 Years	2
	Computer Application lathe Engineer	7 Years	1
	Numerical Control lathe Engineer	7 Years	1
Welding Master Craftman	Welding Master Craftman	12 Years	1
Special Welding	Special Welding Engineer 2nd Level	32 Years	1
	Special Welding Engineer 2nd Level	17 Years	1
	Speical Welding Engineer	7 Years	1
Electirc Welding	Electric Welding Engineer	32 Years	1
	Electric Welding Engineer 2nd Level	27 Years	1
	Electric Welding Engineer 2nd Level	17 Years	1
Regular Welding	Welding Engineer 2nd Level	32 Years	1
	Welding Engineer	7 Years	1
	Industrial Welding Engineer	7 Years	2
Electricity	Electricity Engineer	37 Years	1
	Electricity Engineer	22 Years	1
	Electricity Engineer	17 Years	1
	Electricity Engineer	12 Years	1
	Electricity Engineer	7 Years	3
Etc.	Heat Treatment Engineer 2nd Level	27 Years	2
	Arson Control Manager 2nd Level	7 Years	1
	Gas Control Engieneer 1st Level	12 Years	1
	Mechanical Processing Engineer 2nd Level	27 Years	1
	Mechanical Assembly Engineer	22 Years	1
	Mechanical Assembly Engineer	17 Years	1
	General Mechanical Engineer	12 Years	1
	General Mechanical Engineer 2nd Level	42 Years	1
	Automated Prodcution Engineer	12 Years	1

# Organization & Manpower

## Organization



## Manpower

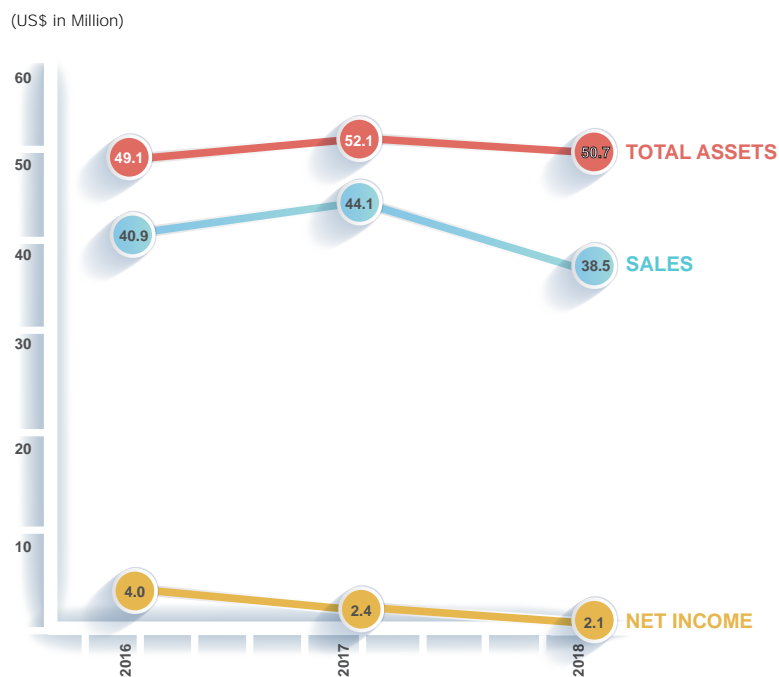
Total Number of Employees	240
Research & Development	11
Design & Engineering	16
Manufacturing	113
Overseas Sales Department	7
Quality Control	9
Other ( Management )	84

# Performance Within 3 years

(Unit : US\$ in Million)

	2016	2017	2018
Sales	40.9	44.1	38.5
Net Income	4.0	2.4	2.1
<b>Total Assets</b>	<b>49.1</b>	<b>52.1</b>	<b>50.7</b>

- SALES
- NET INCOME
- TOTAL ASSETS





# Overseas sales results for the last 5 years

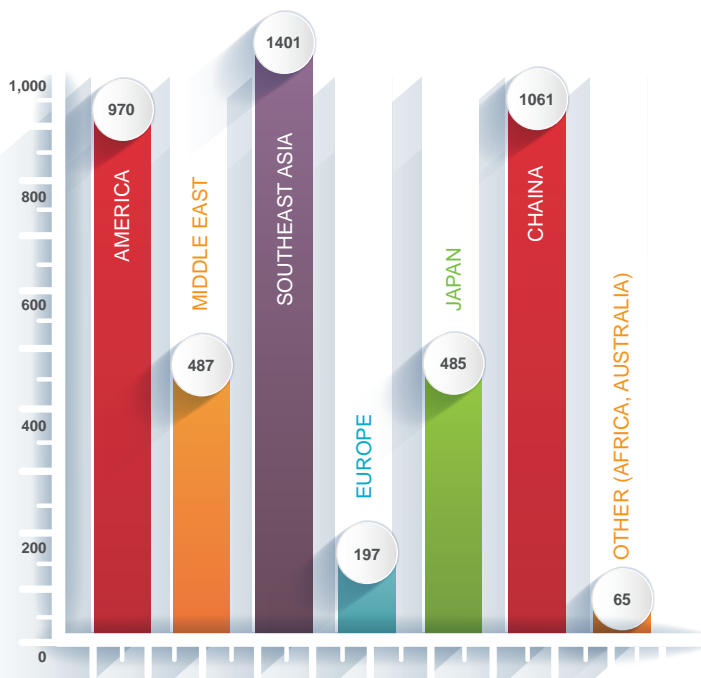
(Unit : US\$ in Thousand)

Country	2014	2015	2016	2017	2018
America	733	735	633	933	970
Middle East	248	220	415	161	487
Southeast Asia	935	1,163	1,206	1,125	1,401
Europe	314	225	145	282	197
Japan	658	1125	843	989	485
China	811	300	511	879	1,061
Other(Africa, Australia)	2	69	51	41	65
<b>Total</b>	<b>3,701</b>	<b>3,837</b>	<b>3,804</b>	<b>4,410</b>	<b>4,666</b>

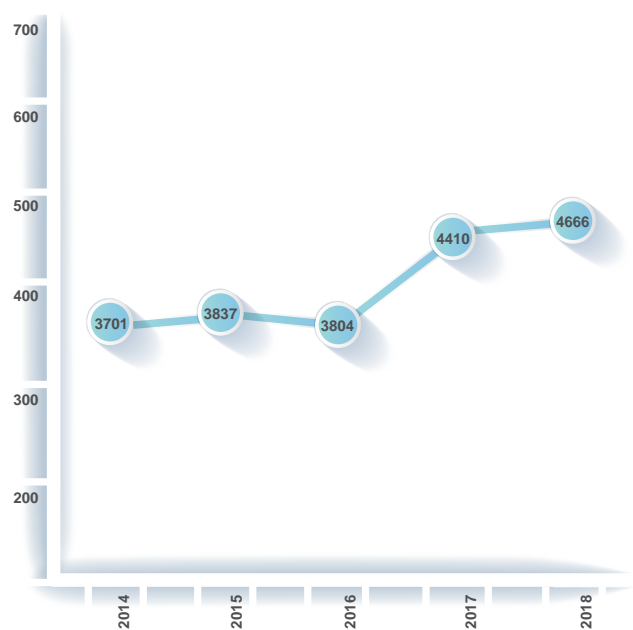
Sales by Country

Sales by Years

(Unit : US\$ in Thousand)



(Unit : US\$ in Thousand)



# Quality Policy

## Quality Policy

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WISE Control Inc. is a company engaged in the development, manufacturing and sales of a range of measuring controllers and indicators that measure and indicate pressures, temperatures and flows in various industrial fields as well as after-sales service. It is not only to recognize the fact that "Customer satisfaction is the highest value and the top priority for the Company to accomplish", but to achieve corporate development through customer satisfaction.

- **Establishment of Quality Goal**

- **Compliance with the requirements of quality management system and continuous improvement of the system**

- **Continuous promotion of system to staff**

I, the CEO of the Company, shall assign a quality management representative to establish and implement a quality management system for the Company in accordance with the corporate quality policy, quality goal, ISO 9001:2008, ATEX 94/9/EC and PED 97/23/EC standards, and grant him or her the responsibility and authority to verify and report the implementation status of the quality management system. In order to ensure the system to be effective and appropriate, I shall receive reports from the representative, have consultation with him or her, develop appropriate action to take and implement it as planned.

All corporate staff shall not only be familiar with the corporate quality policy, quality goal and quality management system requirements, but apply them to daily activities to provide customers services of excellent quality, and shall devote their utmost efforts to establish, maintain and implement a quality management system which ensures continuous quality improvement in response to customer requirements.

**WISE Control Inc.**

CEO **Sanghoon Lee**

# Certificate

## CERTIFICATE QUALITY MANAGEMENT SYSTEM



Registration Date	2018-08-27
Expiration Date	2021-08-26
Initial Registration Date	1994-08-27
Revision Date	2018-08-05
Certificate Number	AC-00019

### WISE CONTROL INC.

- HEAD OFFICE & YONGIN FACTORY : 2022, Deogyong-daero, Giheung-gu, Yongin-si, Gyeonggi-do, Korea (Zip code : 17097)
- HWASEONG FACTORY : 6, Madogongdan-ro 4-gil, Mado-myeon, Hwaseong-si, Gyeonggi-do, Korea (Zip code : 18542)
- BUCHUN FACTORY : 122, Jomaru-ro 385beon-gil, Bucheon-si, Gyeonggi-do, Korea (Zip code : 14558)
- SEOUL OFFICE : 181, Gasan digital 1-ro, Geumcheon-gu, Seoul, Korea (Zip code : 08503)

*Korean Foundation for Quality certifies that  
The Quality Management System of  
the above organization has been audited and  
has complied with the requirements of  
the following standard*

#### Standard

**ISO 9001:2015/KS Q ISO 9001:2015**

#### Scope of certification

- HEAD OFFICE & YONGIN FACTORY :  
- DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE INSTRUMENTS (FLAMEPROOF TYPE INCLUDED)
- DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE TRANSMITTER (FLAMEPROOF TYPE INCLUDED)
- DESIGN, DEVELOPMENT AND SALES OF GAS SENSOR
- DESIGN, DEVELOPMENT AND SALES OF FLOW AND LEVEL MEASURING INSTRUMENTS (ORIFICE PLATE, FLOW NOZZLES, VENTURI TUBES, LEVEL GAUGES AND ULTRASONIC LIQUID FLOW METER)
- HWASEONG FACTORY : DESIGN, DEVELOPMENT AND SALES OF FLOW AND LEVEL MEASURING INSTRUMENTS (ORIFICE PLATE, FLOW NOZZLES, VENTURI TUBES, LEVEL GAUGES AND ULTRASONIC LIQUID FLOW METER)
- BUCHUN FACTORY :  
- DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE INSTRUMENTS (FLAMEPROOF TYPE INCLUDED)
- DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE TRANSMITTER (FLAMEPROOF TYPE INCLUDED)
- DESIGN, DEVELOPMENT AND SALES OF GAS SENSOR
- DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF BELLOWES AND HIGH VACUUM VALVES



[KAB-QC-01]

KFQ has been accredited in respect of ISO 9001 covered by the KABI Accreditation Certificate Number (KAB-QC-01)

*Daehyun Nam*  
For Daehyun Nam  
President & CEO of KFQ

www.kfq.or.kr

10F, Woomin Linn's Valley Bldg. 3, 166 Gasan digital 1-ro, Geumcheon-gu, Seoul, 08591, Korea

# Certificate



THE INTERNATIONAL CERTIFICATION NETWORK

## CERTIFICATE

KFQ has issued an IQNet recognized certificate that the organization:

**WISE CONTROL INC.**

- HEAD OFFICE & YONGIN FACTORY : 2022, Deogyong-daero, Giheung-gu, Yongin-si, Gyeonggi-do, Korea (Zip code : 17097)
- HWASEONG FACTORY : 5, Madogongdan-ro 4-gil, Mado-myeon, Hwaseong-si, Gyeonggi-do, Korea (Zip code : 18542)
- BUCHUN FACTORY : 122, Jomaru-ro 385beon-gil, Bucheon-si, Gyeonggi-do, Korea (Zip code : 14556)
- SEOUL OFFICE : 181, Gasan digital 1-ro, Geumcheon-gu, Seoul (Zip code : 08903)

for the following scope

- YONGIN FACTORY :
  - DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE INSTRUMENTS(FLAMEPROOF TYPE INCLUDED)
  - DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE TRANSMITTER(FLAMEPROOF TYPE INCLUDED)
  - DESIGN, DEVELOPMENT AND SALES OF GAS SENSOR
  - DESIGN, DEVELOPMENT AND SALES OF FLOW AND LEVEL MEASURING INSTRUMENTS(ORIFICE PLATE, FLOW NOZZLES, VENTURI TUBES, LEVEL GAUGES AND ULTRASONIC LIQUID FLOW METER)
- HWASEONG FACTORY : DESIGN, DEVELOPMENT AND SALES OF FLOW AND LEVEL MEASURING INSTRUMENTS(ORIFICE PLATE, FLOW NOZZLES, VENTURI TUBES, LEVEL GAUGES AND ULTRASONIC LIQUID FLOW METER)
- BUCHUN FACTORY :
  - DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE INSTRUMENTS(FLAMEPROOF TYPE INCLUDED)
  - DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE TRANSMITTER(FLAMEPROOF TYPE INCLUDED)
  - DESIGN, DEVELOPMENT AND SALES OF GAS SENSOR
  - DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF BELLOWS AND HIGH VACUUM VALVES

has implemented and maintains a

**Quality Management System**

which fulfils the requirements of the following standard

**ISO 9001:2015**

Issued on : 2018-08-27

First Issued on : 1994-08-27

For the validity date, please refer to the original certificate\* issued by KFQ

Registration Number : KR - 00019



*Alex Stoichitoiu*  
Alex Stoichitoiu  
President of IQNet

*Dae Hyeoun Nam*  
Dae Hyeoun Nam  
President & CEO of KFQ



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# HSE Record and Policy

## HSE Record and Policy

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### HSE (Health Safety Environment) Policy

The members of WISE Control Inc. will put all efforts to minimize and eliminate all potential environmental, safety and health related risks on all activities. When developing, purchasing and manufacturing, the company will also put moral and humane responsibilities as top priorities as well. The following will be executed:

- Safety Inspection Checklist for construction equipment shall be executed before any major item of construction equipment is placed into service. The original, completed resident engineer's office as a part of original file.
- Resident of equipment shall be performed at interval specified in a. above, to assure safe operating condition. Performance tests and inspections of hoisting equipment shall be repeated in accordance with Contract prior to unusual or critical lifts and after alterations, repair, or modification to the equipment

### Project Safety Manual Control

#### 1. Use of this Manual

All major management efforts such as those that promote safety and health must have guidelines (called policies, procedures, or standards) to ensure that work is accomplished in a manner designed to optimize all aspects of performance. The guidelines are normally put in writing to ensure understanding and minimize confusion and conflict as to how the work is to be done. This manual represents a "game plan" to protect the employees and to ensure the successful, profitable, and accident-free completion of the project.

To have effective program, all levels of management must accept that safety is apart of the way work is performed. Safe construction will optimize profit; therefore, safety, like profit is a result of how well we do our work. Consequently, the guidelines set forth in this manual must be followed. All levels of management are responsible for the effectiveness and implementations of these guidelines.

#### 2. Manual Revisions

No manual can remain useful if the contents are not reviewed and updated on a regular basis.

Accordingly, the project manager will manage all project supervision at the beginning of the project and every month thereafter.

Recommendations for changes or additions shall be provided to the Safety Departments, which will be responsible for implementing appropriate updates.

#### 3. Subcontractor Operations (If Required)

Construction operations performed by subcontractors to WISE shall conform to the provisions of this and shall be in compliance with the requirements contained in the applicable provisions of the occupational Safety and Health Administration Code, Construction and general industry standards, and local laws, requirements, standards.

Subcontractors shall be responsible for their own implementation of these provisions, and standards and shall provide WISE with all required and supporting reports and documentation that they generate during this implementation. Subcontractors shall coordinate all of their accident prevention efforts with the WISE site safety manager. Subcontractors or subcontractor personnel who demonstrate an unwillingness to comply with these provisions, requirements, and standards shall not be allowed to continue operation on the project. References in this manual such as "employee", or "personnel" shall apply to employees of both WISE and of subcontractors to WISE

# Certificate



# Certificate



THE INTERNATIONAL CERTIFICATION NETWORK

## CERTIFICATE

*KFQ has issued an IQNet recognized certificate that the organization:*

**WISE CONTROL INC.**

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*for the following scope*

- DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE INSTRUMENTS (FLAMEPROOF TYPE INCLUDED)
- DESIGN, DEVELOPMENT, PRODUCTION AND SALES OF PRESSURE AND TEMPERATURE TRANSMITTER (FLAMEPROOF TYPE INCLUDED)
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- DESIGN, DEVELOPMENT AND SALES OF FLOW AND LEVEL MEASURING INSTRUMENTS (ORIFICE PLATE, FLOW NOZZLES, VENTURI TUBES, LEVEL GAUGES AND ULTRASONIC LIQUID FLOW METER)

*has implemented and maintains a*  
**Environmental Management System**  
*which fulfils the requirements of the following standard*

**ISO 14001:2015**

Issued on : 2018-08-05

First Issued on : 2012-11-05

*For the validity date, please refer to the original certificate\* issued by KFQ*

**Registration Number : KR - 05427**



*Alex Stoichitoiu*

**Alex Stoichitoiu**  
 President of IQNet

*Dae Hyeon Nam*

**Dae Hyeon Nam**  
 President & CEO of KFQ



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 FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertificanti Oy Finland INTRCO Costa Rica  
 BRAM Argentina IQA Japan KFQ Korea MIRETEC Greece MHSZT Hungary Nemko AS Norway NSAI Ireland  
 SYCE-SIDE Mexico PCBQ Poland Quality Austria Austria IIR Russia RI Intact BQ Slovenia  
 SIRM QAS International Malaysia QAS Switzerland SIGAC Romania TIST St. Petersburg Russia TSE Turkey YUQS Serbia  
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# Major Products

**Major Products 2018 year**

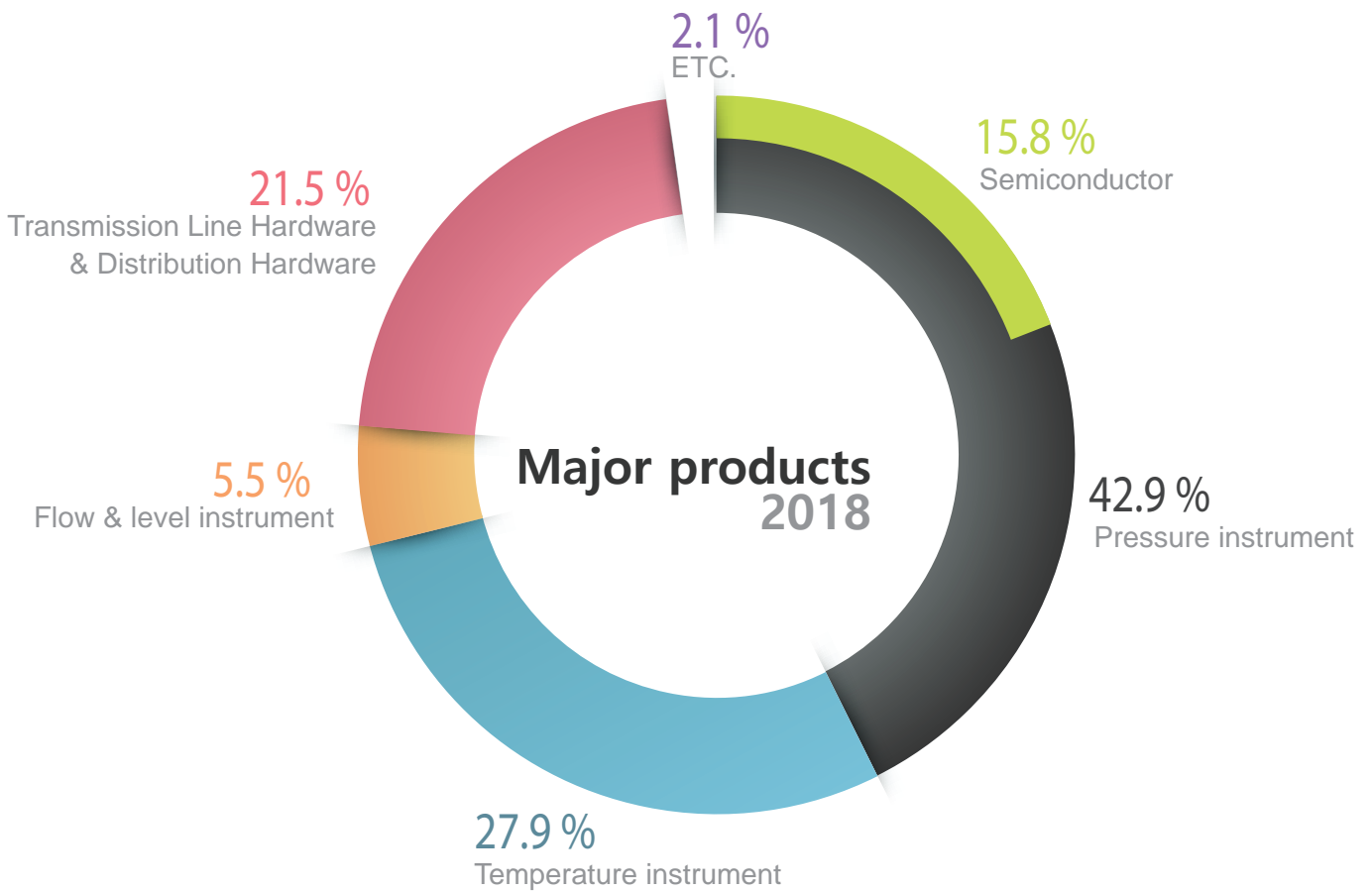
**Pressure Instrument (42.9 %)** **Semiconductor (15.8 %)**

**Temperature Instrument (27.9 %)**

**Flow & Level Instrument (5.5 %)**

**Transmission Line Hardware & Distribution Line Hardware (21.5 %)**

**ETC. (2.1 %)**





# Capability

## Product

### Pressure Instrument

- Dial size - Min : 50 mm, Max : 200 mm or etc./ Range - Min : -0.1 MPa, Max : 200 MPa
- Sun Shade Size : 230 mm x 370 mm x 125 mm / 410 mm x 350 x 170 mm / Other

### Temperature gauge

- Dial Size : Min : 75 mm, Max 150 mm or etc. / Range – Min : - 50℃, Max : 700℃

### Temperature sensor

- Length - Min : 50 mm, Max : Unlimited / Range - Min : - 200℃, Max : 1,700℃

### Thermowell

- Length - Min : 50 mm, Max :10,000 mm or more than

### Level Instrument

- Length - Max. 5 m /Vessel connection - Max : 2" or more than Length : 5 m

### Flow element

- Out diameter - Max : 3 m / Length - Max :10m / Thickness – Max : 100 mm

## Production

Item	Capability
Pressure Instrument	25,000 ea / month
Sun Shade	3,000 ea / month
Temperature Instrument	15,000 ea / month
Flow and Level Instrument	1,000 ea / month

# Major Facilities

## Testing Equipments

No.	Test Equipment Name	Description	Q'ty
01	Dielectric Strength Tester	0~5 kV	1
02	Tensile Tester	30 t	1
03	Micrometer (Outdiameter)	0~25 mm	1
04	Micrometer (Indiameter)	5~25 mm	1
05	Dial type thickness Gauge	0.01~10 mm	1
06	Vernier Calipers	0 ~ 150, 200, 300 mm	10
07	Ring gauge, Plug gauge	PT, NPT, PF, UNF, BSPT	1
08	Height Gauge	0~600 mm	1
09	Multi Tester	multi	1
10	Insulation Resistance Tester	DC 500 V / 100M $\Omega$	1
11	Vaccum Gauge	60*-76 cmHg	2
12	Hardness Tester	Vickers	1
13	Temperature Chamber	-20 ~ +100 $^{\circ}$ C	1
14	Suface & Radius Tester	800 $\mu$ m, LCD 100 * 70 mm	2
15	X-RAY ANALYSER(PMI Tester)	X-MET 5,000	1
16	Suface & Radius Tester	800 $\mu$ m, LCD 100 * 70 mm	2
17	Hydrostatic Tester	35 Mpa	2

## Manufacturing Equipments

No.	Manufacturing Equipment Name	Description	Q'ty
01	CNC Machining Center	LC V-550 C	3
02	CNC Lathe Machine	PL-25 A/500	3
03	DG TIG Welder	Captain-500 T	3
04	CO2 Welder	Captain-500 C	1
05	Plasma Cutting Machine	Captain-130 P	1
06	PVC Welder	-	1
07	Marking Machine	ADM-200 F	1
08	Drill Tapping Machine	STD-360	2
09	Drill Tapping Machine	NBTG-540	1
10	Milling Machine	NSM-T	1
11	Lathes Machine	NARA-5010	1
12	Lathes Machine	NARA-6010	1
13	Cutting Machine	HA-250 ( $\varnothing$ 250)	1
14	Machining Center	PV-40	1
15	CNC Lathe Machine	PL-20 A	5
16	CNC Machining Center	PL-6 G	1
17	CNC Machining Center	HIT-160	1
18	Machining Center	TC-221	1
19	Tap Drill Mate	BT-30	2
20	Index Drill Machine	ESD-350 S	2
21	Index Drill Machine	STD-410	5
22	Index Drill Machine	STD-360	2
23	High Speed Precision Lathe	-	2

No.	Manufacturing Equipment Name	Description	Q'ty
24	Marking Machine (Stencil)	-	2
25	CNC Bend Sawing Machine	WBS-C400AN	1
26	Micro Spot Welder	100V * 40 W/S	2
27	TIG Welding M/C	HB-300 P	4
28	High Speed Precision Lathe	Ø400* 1,060 mm, 3.7-4 kw	1
29	Knee Type Milling Machines	1,350 mm * 70 mm, 70 ~ 1,800 rpm	1
30	Grinder	220~380 V	7
31	Bench Turret Lathe	LB6T-3 (90 mm * 660 mm)	1
32	Furnace	Kanthal A-1 wire 0~1200°C	1
33	Furnace	Kanthal A-1 wire 0~700°C	1
34	Vacuum Heat Treatment Furnaces	Kanthal A-1 wire 0~800°C	1
35	Drying oven	0 ~ 250°C	2
36	Drying Oven	0 ~ 200°C	1
37	TIG Welding Machines	300 GTS	1
38	Plasma Welding Machines	EG PXS 050-1 (208 ~ 460 V)	1
39	Stud Bolt Welding Machines	Primary Power : 230 V/Capacity : 60,000 nF	1
40	TIG Welding Machines	SAXOTECH-2200 SAF, 230 V	1
41	TIG Welding Machines	350AD, 350 A	1
42	Suction Air Blast (Sanding) Machines	1,000 W * 800 L * 150 H	1
43	TIG Welding Machines	HB-500 P	1
44	TIG Welding Machines	HB-350 P	1
45	Glove Box	For 2.5	3
46	TIG Welding Machines	3~180 A	2
47	Ultrasonic Cleaner	1 <sup>st</sup> / 50°C	1
48	Micro TIG Welding Machines	High 1 ~ 99.9 V, Low 0.1 ~ 99 A	1
49	Vacuum Package Machine	4 ~ 5 kg/cm <sup>2</sup>	1
50	A Thermo-Hygrostat	1G (21 °C, 50 %)	1
51	N2 Tank	10 kg/cm <sup>2</sup> (575 mm*1420 mm*1280 mm)	1
52	A Thermo-Hygrostat	2G (21 °C, 50 %)	1
53	Particule Measuring Instrument	10,000 Zone / 100 Zone	1
54	Inverter Micro TIG Welding Machines	0 ~ 150 A	4
55	Precision TIG Welding Machines	High Range 1 ~ 99.9 A	1
56	Chamber Welding Machines	1,300 mm*1,000 mm*1,630 mm /1 Ton	1
57	Vacuum Package Machine	35 Kg/cm <sup>2</sup>	1
58	UV Rays Irradiateur	UV-100 S	1
59	Milling Machine	TMV-2	1
60	CNC Lathe Machine	PUMA-240 A	1
61	CNC Lathe Machine	PUMA-240 S	1
62	Lathe Machine	TIPL-4	3
63	Lathe Machine	TIPL-410	3
64	Saw Machine	-	1
65	CNC Sawing Machine	WBS-C450AN	1
66	Gun Drill Machine	MEG-1000	1
67	TIG Welding Machines	TIG-300	1
68	TIG Welding Machines	TIG-L500 A	1
69	TIG Flange Welding System	-	1
70	Auto Marking Machine	ADM-200F(Max.Ø400)	1
71	CNC Lathe Machine	PL-24B/500-8"	1
72	Collect Chuck Type Benchleath	DK-32(6.4, 8, 10, 12, 13.8, 15, 17.3, 21.7, 25.4, 27)	1
73	CNC Machining Center	LCV-550 C / BT-50	1
74	CNC Gun Drill Machine	KEG-800-2CNC (Max. Depth : 800 L)	1

# Capability

## Pressure Instrument

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- Dial size - Min : 50mm, Max : 200mm or etc./ Range - Min : -0.1 MPa, Max : 200 MPa
- Sun Shade Size : 230mmx 370mmx125mm / 410mmx350 x170mm / Other

## Temperature gauge

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- Dial Size : Min : 75mm, Max : 150mm or etc. / Range – Min : - 50°C, Max : 700°C

## Temperature sensor

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- Length - Min : 50mm, Max : Unlimited / Range - Min : - 200°C, Max : 1700°C

## Thermowell I

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- Length - Min : 50mm, Max :10000mm or more than

## Level Instrument

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- Length - Max. 5 m /Vessel connection - Max : 2" or more than) Length : 5m

## Flow element

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- Out diameter -Max : 3 m / Length- Max :10m / Thickness – Max : 100 mm

Item	Capability
Pressure Instrument	25,000 ea / month
Sun Shade	3,000 ea / month
Temperature Instrument	15,000 ea / month
Flow and Level Instrument	1,000 ea / month



section ■  
Financial Statement ■


02

# Financial Statement

## Company Credit Certificate

**D** Digital  
**N** Networking  
**A** Authentication

| COMPANY NAME | WISE CONTROL CO.,LTD.  
| BUSINESS REG. NO. | 142-81-10776  
| PRESIDENT & CEO | Lee, Sang Hoon  
| RATING DATE | Apr.11,2019

 **Credible**  
Digital Credit Certificate

## Company Credit Certificate

## CREDIT RATING

ECC02104026683 | WISE CONTROL CO.,LTD. | Lee, Sang Heon | 142-81-10776

## ■ Company Information

Company Name	WISE CONTROL CO.,LTD.
President	Lee, Sang Heon
Head Office	(17097) 199 Sanggol-Song, Kheirng-gu, Gyeonggi-do
TEL	031-298-5100
Business Reg. Number	142-81-10776
Line of Business	Manufacturing of distribution panels and automatic control panels
Date of Registration	Dec.11.2007
Fiscal Year	Dec.31.2018
Credit Rating Effective Date	Apr.11.2019-Apr.16.2020

## Credit Rating

**BBB+**

Credit Rating Date:

Apr.11.2019

## Credit Rating History

Reporting Date	Fiscal Year	Credit Rating	Cash Flow Rating
Apr.11.2019	Dec.31.2018	BBB+	A
Apr.13.2018	Dec.31.2017	BBB+	A
Apr.11.2017	Dec.31.2016	BBB+	A

## ■ Company Overview

Main Items	Business Profile		Customer(%)	Major Shareholders	
Measuring Instrument	No. of Employees	233	WISE CONTROL CO., LTD.	78%	Lee, Sang Heon 37.7%
Supply of electric power machine	Company Size	Medium	Korea Electric Power Corporation	13%	Jang, Choon Soon 14.3%
Commission fees	Legal Status	Audited Company	Wise Tech Co.,Ltd.	6%	Lee, Jung Won 6.7%
	Paid-in Capital (KRW million)	6,327	Wajin Machinery Co., Ltd.	5%	Keon, Yoon Kyung 5.8%

Unit: KRW million

Fiscal Year	Total Asset	Total Liabilities	Total Stockholders' Equity	Sales	Operating Income	Net Income
Dec.31.2018	98,749	16,758	42,662	44,693	2,140	2,482
Dec.31.2017	96,798	15,357	46,199	47,181	2,942	2,530
Dec.31.2016	94,715	15,915	44,199	46,588	4,955	4,677
Dec.31.2015	92,441	12,400	45,041	48,814	4,531	3,730

This DNA Report is analyzed by eCredit Co., Ltd. based on all object data submitted by the Subject Company, also reviewed by eCredit Co., Ltd. Therefore, eCredit Co., Ltd. shall not be liable for any loss caused by your decision-making from reliance on the report. The information in DNA Report is a reference for credit ability, and is provided for your legitimate business purposes only. The rating grade will be valid for a year from the rating date. The rating can be changed or cancelled unless instant changes that can be influenced by its credit occur. The DNA Report is not used for public bid.

# Main Award Records







1995	1995. 11	Million Dollar Export Tower
2006	2006. 06	Small Business Corporation - World Class Company
2008	2008. 07	SK energy - Certificate of Appreciation
	2008. 09	Yong-In City Council - Industrial peace destination
	2008. 11	HART communication foundation - Certificate of Membership
	2008. 12	Governor of Gyeonggi-do - Midsize businesses of Gyeonggi-Do
2009	2009. 03	Korea University - Certificate of Appreciation
	2009. 11	Kyeonggi Regional Office Small & Medium Administration - Award Certificate
2010	2010. 10	The University of TEXAS at Austin - Certificate of Accomplishment
2012	2012. 11	Woori Bank - Certificate of Appreciation
2013	2013. 03	KB Bank - KB Hidden Star 500 Selected
	2013. 03	EBARA Corporation - Certificate of Appreciation
2014	2014. 04	Small & medium Business Corporation - Selected as outstanding company with the best working conditions
	2014. 11	Yong-In City - Certificates of Excellent enterprise selection
2015	2015. 12	Samcheok Meister high school - Certificate of Appreciation
2017	2017. 12	Youth Friendly Corporate Certificate - Ministry of Employment and Labor (MOEL)
2018	2018.01	Certificate of Membership - FieldComm Group
	2018.02	Sincere Taxpayer Certificate - Yongin City



Experience

section ■  
Experience ■

03



# Experience List

## CHEMICAL

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
001	STAVROLEN PE	TOYO ENG.KOREA	LUKOIL	RISSIA	2017	OF/VT/RO
002	Lotte EG Feed Project	SAMSUNG Engineering	LOTTE CHEMICAL	U.A.E	2017	PG/TG
003	KPIC ONE PROJECT	GS E & C	KPIC	KOREA	2017	PG/TE
004	TE-3	GS E & C	LOTTE CHEMICAL	MALAYSIA	2016	OF/VT
005	CDP 3	SK CHEMICAL	SK CHEMICAL	KOREA	2016	RO/LG
006	YMDI VIII	POSCO ENG.	Kumho Mitsui Chemical	KOREA	2016	OF/RO
007	BTX DBNK	OCI	OCI	KOREA	2016	LG
008	Iraq ZUBAIR Project	SAMSUNG Engineering	ENI	IRAQ	2016	PG/TG
009	CDP-3 PROJECT	SK Chemicals	SK Chemicals	KOREA	2016	PG /TG/ TE
010	Basf Expansion Ultrason Capacity Yeosu Project	GS E & C	BASF	KOREA	2016	PG /TG/ TE
011	YNCC C5 SEPARATION PROJECT	HANWHA E & C	YNCC	KOREA	2015	PG /TG/ TE
012	KPA IV PROJECT	POSCO Engineering	POSCO Engineering	KOREA	2015	TG/ TE
013	PB2 75,000MTA REVAMPING PROJECT	DAELIM INDUSTRIAL	PETROCHEMICAL DIVISION OF DAELIM	KOREA	2015	PG /TG/ TE
014	ETHANE CRACKER AND PE/PP PLANT	PETRO-CHEM KOREA CO.,LTD.	Turkmengas state Concern	TURKMENISTAN	2015	TE
015	C5 SEPARATION	DAELIM/HANWHA	YNCC	KOREA	2015	OF/RO
016	CA5, OXY 5	ETEC	HANWHA CHEMICAL	KOREA	2015	OF/RO
017	EDISON II Project(HVAC)	SAMSUNG ENG.	SAMSUNG BIOLOGICS	KOREA	2014	PG/TG/TC/RTD/TW
018	Samsung Memc Ploysilicon -W-1 PROJECT	SAMSUNG ENG.	SAMSUNG C&T	KOREA	2014	P/G
019	UGCC Ethylene Plant Project	GS E & C	Akchalak	UZBEKISTAN	2014	P/G
020	Elastomer Project	DAELIM INDUSTRIAL	KEMYA	SAUDI ARABIA	2014	P/G
021	ESCONDIDA Main & Chemical dosing	DOOSAN HEAVY	BLACK & VEATCH	CHILE	2014	P/G
022	BUTANOL & SYNGAS	DAELIM INDUSTRIAL	BUTANOL COMPANY	SAUDI ARABIA	2014	TG/TC/RTD/TW
023	UGCC Ethylene Plant	GS E & C	Uz-kor Gas Chemical	UZBEKISTAN	2014	TG/TC/RTD/TW/MULTI
024	Linear Alkyl Benzene	HYUNDAI Engineering	Thaioil	THAILAND	2014	TG/TC/RTD/TW
025	ORANGE PROJECT	HANWHA E & C	HANWHA CHEMICAL	KOREA	2013	P/G
026	STC NO.2 Aromatics Complex	SAMSUNG ENG.	SAMSUNG TOTAL	KOREA	2013	PG/TG/TC/TW
027	JUBAIL POLYSILICON	HYUNDAI HEAVY	JUBAIL WATER & POWER COMPANY	SAUDI ARABIA	2013	P/G
028	Jurong Aromatics Complex	SK E & C	JAC	SINGAPORE	2013	TC/RTD/TW
029	SAMSUNG TOTAL NO.2 AROMATICS	JNK HEATER	SAMSUNG TOTAL	KOREA	2013	TC
030	YEP-IV	DAELIM INDUSTRIAL	KUMHO P&B	KOREA	2013	TG/RTD/TW
031	Yeosu ORANGE	HANWHA E & C	HANHWA CHEMICAL	KOREA	2013	TG/TC/TW
032	JUBAIL POLYSILICON	EMERSON	PTC	SAUDI ARABIA	2013	RTD/MULTI RTD/TW
033	RAS-AI-KHAIR	DOOSAN HEAVY	SWCC	SAUDI ARABIA	2013	TG/RTD/TW

# CHEMICAL

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
034	Petron Bataan Refinery Master Plan2	DAELIM INDUSTRIAL	PETRON	PHILIPPINES	2013	TG/TC/RTD/MULTI TC/TW
035	STC No.3 Utility & Offsite	SAMSUNG ENG.	SAMSUNG TOTAL	KOREA	2013	TG/TC/TW
036	STC EVA No.2	SAMSUNG ENG.	SAMSUNG TOTAL	KOREA	2013	RTD/TW
037	PD-1	SCT	KOLON INDUSTRIES	KOREA	2013	TG/RTD/TW
038	Alkalij Project(No.2,3,4)	DOOSAN HEAVY	GECOL	LIBYA	2013	TG/TC/TW
039	STC EVA No.2 (Local Panel)	SAMSUNG ENG.	SAMSUNG TOTAL	KOREA	2013	CONTROL PANEL
040	SMP W-1	SAMSUNG ENG.	SMP	KOREA	2013	TG/TC/RTD/MULTI RTD/TW
041	EVA	LG TOYO ENG.	LG CHEM.	KOREA	2013	LG
042	VCM, 3MT DBN	LG CHEMICAL	LG CHEM.	KOREA	2013	LG/OF
043	EVA 2	SAMSUNG ENG.	SAMSUNG TOTAL	KOREA	2013	LG
044	SSBR	LG TOYO ENG.	LG CHEM.	KOREA	2013	LG
045	VGOFCC PROJECT	GS E & C	GS Caltex Corporation.	KOREA	2012	PG/DPG/TG/TC/TW/RTD/Multi TC/TW
046	EVA-PROJECT	HANWHA E&C	Sipchem-HCC	SAUDI ARABIA	2012	PG/SKIN TC/TC/TG/TW
047	Shiraz Third Ammonia & UREA Complex Project	SC ENGINEERING	-	IRAN	2012	PG/TG/RTD/TC/TW
048	NAPHTHA CRACKER PROJECT	DAELIM INDUSTRIAL	JG Summit Petrochemical Co.	PHILIPPINES	2012	PG/TG/RTD/TC/TW
049	SADARA MIXED FEED CRACKER PROJECT	JNK HEATERS	AOC and DOW EUROPE HOLDING	SAUDI ARABIA	2012	SONIC NOZZLE
050	ORANGE POLYSILICON	HANWHA E&C	HANWHA CHEMICAL	KOREA	2012	ORIFICE
051	REPLACEMENT	GI	BASF KOREA	KOREA	2012	V CONE
052	2D-PROJECT	HYUNDAI HEAVY	DEASAN MMA Corporation	KOREA	2012	Multi RTD/RTD/TC/TW
053	P3.5 PROJECT	OCI	OCI Company Ltd.	KOREA	2011	PG/PS/TG/TC/RTD/TW
054	P3.7 PROJECT	OCI	OCI Company Ltd.	KOREA	2011	PG/TG/TC/TW
055	U1 PROJECT	KCC	KCC	KOREA	2011	PG/PS
056	KPA-2 PROJECT	KOLON PLASTICS	KOLON PLASTICS, INC	KOREA	2011	PG/TG/RTD/TC/TW
057	KPA II REVAMP	DAEWOO E&C	KUMHO P&B	KOREA	2011	ORIFICE
058	AMMONIA UNLOADING STORAGE AND DISTRIBUTION SYSTEM	DOOSAN HEAVY	SNC LAVALIN,	CANADA	2010	PG/TG/TC/TW
059	HOU PROJECT	HYUNDAI HEAVY	HYUNDAI OIL BANK	KOREA	2010	PG/TG/TW
060	YDR Project	KUMHO PETROCHEMICAL	KUMHO PETROCHEMICAL	KOREA	2010	LG
061	SP-1	WOONGJIN POLYSILICON	WOONGJIN POLYSILICON	KOREA	2010	LG
062	NO.3 HOU PROJECT	GS CALTEX	KOREA	KOREA	2009	PG/TG/TC/TW
063	SAUDI KAYAN HDPE PROJECT	DAELIM INDUSTRIAL	SAUDI KAYAN PETROCHEMICAL COMPANY	SAUDI ARABIA	2009	PG/TG/TC/TW/RTD
064	AAC ETHYLENE AMINES PROJECT	HYUNDAI HEAVY	ARABIAN AMINES	SAUDI ARABIA	2009	PG/TG/TC/TW/RTD
065	POLYCARBONATE PROJECT	DAELIM INDUSTRIAL	SAUDI KAYAN PETROCHEMICAL COMPANY	SAUDI ARABIA	2008	PG/TG/TC/TW/RTD
066	SOHAR AROMATICS PROJECT	GS E & C	AROMATICS OMAN LLC	OMAN	2008	PG/TG/TW
067	PG REVAMP	SKEC	SKC	KOREA	2008	ORIFICE/LEVEL GAUGE
068	LGPC B2	GS E&C	LGPC	KOREA	2008	LEVEL GAUGE/SIGHT GLASS
069	GDC	DAEWOO E&C	GREENSOFT CHEM	KOREA	2008	LEVEL GAUGE
070	MEX	KP CHEMICAL	KP CHEMICAL	KOREA	2007	ORIFICE/LEVEL GAUGE
071	HPPO	SKEC	SKC	KOREA	2007	ORIFICE/LEVEL GAUGE
072	EDC CAPA-UP	HAN WHA E&C	HAN WHA CHEMICAL	KOREA	2007	ORIFICE
073	SILICONE NO.2 PROJECT	KCC	KCC	KOREA	2006	PG/TG/RTD/TW
074	HOU PROJECT	GS E & C	GS GALTEX	KOREA	2006	TG/TC/TW

## CHEMICAL

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
075	TDI PLANT	GS E & C	BASF	CHINA	2005	PG/TG
076	S-PROJECT	DAEWOO E & C	SODIFF	KOREA	2005	ORIFICE
077	EB REVAMP	SKEC	SKC	KOREA	2005	ORIFICE
078	ABS III-2	GS E & C	NINGBO LG PETROCHEMICAL	CHINA	2003	PG/RTD
079	PTA CO REMOVAL	DOOSAN HEAVY	NIOC	IRAN	2001	P/G

## GAS

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
080	Kandym Gas Processing Complex	HYUNDAI Engineering	LUOC	UZBEKISTAN	2016	PG/TG
081	BORYEONG LNG TERMINAL	SK E & C	BORYEONG LNG TERMINAL	KOREA	2015	PG
082	BORYEONG LNG TERMINAL	SK E & C	BORYEONG LNG TERMINAL	KOREA	2015	OF/RO/VT
083	MGP PJT	HYUNDAI Engineering	OOCEP	OMAN	2015	TG
084	HOUT	DAEWOO E & C	KJO	SAUDI ARABIA	2014	OF/RO
085	North LPG Tank Farm	GS E&C	KNPC	KUWAIT	2013	RTD/MULTI RTD/TW
086	Musandam Gas Plant	HYUANDAI ENG	Oman Oil Company Exploration & Production LLC	OMAN	2013	TG/TW
087	North LPG Tank Farm Project	GS E&C	KNPC	KUWAIT	2013	TG/TW
088	ZUBAIR OIL FIELD DEVELOPMENT	STX Heavy Industries	ENI IRAQ B.V.	IRAQ	2013	OF
089	SOUTH PARS 9&10	SUNGJIN GOTECH	POGC	IRAN	2012	ORIFICE
090	OFFSHORE ASSOCIATED GASES	Hitachi Plant Technologies Tokyo, Japan	GASCO	JAPAN	2008	VENTURI TUBE

## IRON

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
091	Brasil CSP BF Instrument 2	POSCO E & C	POSCO	BRASIL	2014	TG/TC/RTD/TW
092	ACL,CAL	POSCO E & C	POSCO INDIA	INDIA	2012	ORIFICE
093	CDQ 3&4	POSCON	POSCO	KOREA	2002	ORIFICE/VENTURI

## OFFSHORE

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
094	BARONIA	HHI	PETRONAS	MALAYSIA	2016	SG
095	TOD CHEVRON DRILLSHIP, 3511	DSME	TRANSOCEAN	KOREA	2015	RO

## OIL & GAS

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
096	Carbon Black & Delayed Coker	SAMSUNG ENG.	TAKREER / ABU DHABI	UAE	2014	P/G
097	EPC CPF PHASE 2 AT BADRA OILFIELD	SAMSUNG ENG.	Gazprom Neft Badra B.V.	IRAQ	2014	P/G
098	IRAQ DGS PROJECT	STX HEAVY	Electricity State Commission	IRAQ	2014	P/G
099	KNPC TGTU PROJECT	SAMSUNG C & T	KNPC	KUWAIT	2014	P/G
100	SK-V	HYUNDAI HEAVY	SK ENERGY	KOREA	2013	P/G
101	CILACAP RFCC (RESIDUAL FLUID CATALYTIC CRACKING)		PT.PERTAMINA(PERSERO)	INDONESIA	2013	P/G
102	RMP-2 PJT(REFINERY MASTER PLAN2)	DAELIM INDUSTRIAL	Petron Corporation	PHILIPPINES	2013	P/G
103	SOUTH PAR PROJECT	DAELIM INDUSTRIAL	NATIONAL IRANIAN OIL COMPANY	IRAN	2012	PG/TG/RTD/TW/MULTI TC
104	LNG PLANT R&D CENTER PROJECT	GS E & C	LNG PLANT R&D CENTER	KOREA	2012	PG/TG/TW/ORIFICE PLATE
105	ESMERALDAS REFINERY REHABILITATION PROJECT	SK E&C	PETRO ECUADOR	ECUADOR	2012	P/G
106	INTER REFINERIES PIPELINES-II (IRP-II) PROJECT	GS E & C	TAKREER / ABU DHABI	UAE	2012	PG/TG/TW
107	LPG TRAIN PJT AT MAA	DAELIM INDUSTRIAL	KNPC	KUWAIT	2012	PG/TG/RTD/TC/TW
108	SPGD 12 / EPC 2 (SOUTH PAR)	DAELIM INDUSTRIAL	PARS OIL AND GAS COMPANY	IRAN	2012	PG/TG/RTD/TC/TW
109	IRAN LNG PROJECT	DAELIM INDUSTRIAL	IRAN LNG COMPANY	IRAN	2010	T/C
110	NCP SOUTH PLOT PROJECT	DAELIM INDUSTRIAL	SAUDI POLYMER	SAUDI ARABIA	2010	PG/TG/TC/TW
111	MANZANILLO LNG TERMINAL PROJECT	SAMSUNG ENG.	TERMINAL KMS DE GNL, S. DE R.L. DE C.V.	MEXICO	2010	PG/TG/TC/TW
112	GREEN DIESEL PROJECT	GS E & C	ABUDABI OIL REFINERY	U.A.E	2010	PG/TG/TC/TW
113	GREEN DIESEL PROJECT	GS CALTEX	ABUDABI OIL REFINERY	U.A.E	2009	PG/TG/TW
114	NCP SOUTH PLOT PROJECT	DAELIM INDUSTRIAL	SAUDI POLYMER	SAUDI ARABIA	2010	PG/TG/TC/TW
115	9TH CRUDE OIL PROJECT	DAELIM INDUSTRIAL	KOC	KUWAIT	2008	PG/TG/TW
116	LIDONG AROMATICS COMPLEX PROJECT	GS E & C	LIDONG CHEMICAL	CHINA	2006	P/G
117	KIRIKKALE DHP-CCR PROJECT	GS E & C	KIRIKKALE	TURKEY	2006	PG/TG/RTD
118	ARAMCO THIRD PARTY PROJECT	HYUNDAI HEAVY	ARAMCO	SAUDI ARABIA	2006	PG/TG/TC/TW
119	EFFLUENT WATER DISPOSAL PLANT	DAELIM INDUSTRIAL	KOC	KUWAIT	2005	PG/TG/RTD
120	IZMIT REFINERY DIESEL/KEROSENE HYDROPROCESSING	HANSU	TUPRAS	TURKEY	2005	PG/TG/TC/TW
121	MAA RECONSTRUCTION	SK E&C	KNPC	KUWAIT	2003	PG/TG
122	NEW OIL PIER	HYUNDAI HEAVY	KNPC	KUWAIT	2002	P/G

## POWER

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
123	SHINKORI #5,6, NPP	KHNP	KHNP	KOREA	2019	OP/LG
124	SHINKORI #5,6, NPP	KHNP	KHNP	KOREA	2019	PT/UF
125	SHINSEOCHEON THERMAL PP, 1x1018MW	DAELIM	KOREA MIDLAND POWER	KOREA	2018	OF/NZ
126	JIMAH EAST POWER 2x1000MW COAL FIRED POWER PLANT	HYUNDAI Engineering	Jimah East Power	MALAYSIA	2017	PG/TG
127	KALSEL-1 COAL FIRED POWER PLANT PROJECT	HYUNDAI Engineering	Tanjung Power Indonesia	INDONESIA	2017	PG/TG
128	SONG HAU-1 Project	DOOSAN HEAVY	Petro Vietnam	VIETNAM	2017	PG/TG

# Experience List

## POWER

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
129	ASSUIT HRSG	DOOSAN E & C	GE ENERGY	EYGPT	2017	PG/TG/TE
130	Mega CCPP Plant(1600MW) NAAMA	SAMSUNG C & T	SONELGAZ SPE	ALGERIA	2017	PG/TG/TE
131	JEJU Combined Cycle Power Plant FIELD INSTRUMENT	DOOSAN E & C	KOMIPO	KOREA	2017	PG/TG/TE
132	NAAMA/MOSTAGHANEM HRSG	BHI	SONELGAZ	ALGERIA	2017	DRUM LG/LG
133	SBPL CFPP, 500MW	DAELIM	SBPL	PHILIPPINE	2017	OF/NZ/RO
134	JEJU CCPP, 2 x HRSG	GEPSK	KOREA MIDLAND POWER	KOREA	2017	OF/NZ
135	POSEUNG BIOMASS COGENERATION	DAELIM	POSUENG GREEN POWER	KOREA	2017	OF/RO/VT/VC/LG
136	TVEP PROJECT	HYUNDAI Engineering	Therma Visayas, Inc.,	PHILLIPPINES	2016	PG/TG
137	LVSr PROJECT	HYUNDAI Engineering	LOTTE VERSALIS ELASTOMERS CORP.	KOREA	2016	PG/TG
138	YANBU PHASE 3 POWER PLANT	SAMSUNG Engineering	SWCC	SAUDI ARABIA	2016	PG/TG/TE
139	Mega CCPP Plant(1600MW) NAAMA	BHI	SONELGAZ SPE	ALGERIA	2016	PG/TG/TE
140	PACO Coal Fired Power Plant Project	SK E & C	MINERA PANAMA S.A	PANAMA	2016	PG/TG/TW
141	Facility D IWPP	SAMSUNG C & T	Umm Al Houl Power	QATAR	2016	PG/TG/TE
142	BANPONG UTILITIES SPP PROJECT	Integrated system Provider for Electric & Control	EGCO	THAILAND	2016	PG/TG/TE
143	SAFI IPP, 693MWx2	DAEWOO E & C	SAFI ENERGY	MOROCCO	2016	OF/NZ/LG/RO
144	PIEM BOILER, 360MWx1	DHI	IEM S.A.	CHILE	2016	OF/NZ/SG
145	KIRIKKALE IPP, 950MW	SAMSUNG C & T	ACWA POWER	TURKEY	2016	OF/PT
146	KARABATAN CCPP	DOOSAN	Karabatan Utility Solutions Limited Liability Partnership	KAZAKHSTAN	2016	OF/NZ
147	CHUNCHEON CHP, 1x HRSG	BHI	CHUNCHEON ENERGY	KOREA	2016	LG
148	Qatar Facility D IWPP, 2400MW	HHI	Qatar General Electricity & Water Corporation	QATAR	2016	FS
149	KIRIKKALE IPP, 950MW	SAMSUNG C & T	ACWA POWER	TURKEY	2016	OF/PT
150	JJP BIOMASS STG 2	BHI	JJP	KOREA	2016	DRUM LG
151	IGD-E ONSHORE PIPELINE & HABSHAN MODIFICATION	HANSOL SEENTEC	GASCO	UAE	2016	OF/NZ
152	Qatar Facility D IWPP, 2400MW	SAMSUNG C & T	Qatar General Electricity & Water Corporation	QATAR	2016	OF/NZ/PT/RO/VC
153	WEST DAMIETTA, 4x125MW	DOOSAN	GE/Egyptian Electricity Holding Company	EGYPT	2016	OF/NZ
154	CHILE KELAR Project	SAMSUNG Engineering	BILLITON	CHILE	2015	PG/TG
155	KHABAT Thermal Power Plant FGD	STX Co.,Ltd.,	KOGAS AKKAS B.V	IRAQ	2015	PG
156	SHUQAIQ STEAM POWER PLANT	HYUNDAI HEAVY	SEC	SAUDI ARABIA	2015	PG/TG/TE
157	PAGBILAO 420MW #3 CFPP PROJECT	DAELIM INDUSTRIAL	PAGBILAO ENERGY	PHILLIPPINES	2015	PG/TG
158	MALAYSIA TNB FAST TRACK 3A PROJECT (BOP)	DAELIM INDUSTRIAL	TNB	MALAYSIA	2015	PG/TG
159	SHUQAIQ SPP	HHI	SEC	SAUDI ARABIA	2014	ORIFICE
160	TUNG HSIAO HRSG #6	DOOSAN	MHPS	TAIWAN	2015	OF/NZ
161	KHABAT THERMAL POWER, 1&2	BHI/POSCO E&C	MOE	KURDISTAN	2015	NZ/DRUM LG/LG



# POWER

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
162	RABIGH II IPP	BHI/SC&T	ALMOURJAN	SAUDI ARABIA	2015	OF/NZ/RO
163	KUMHO CHP S1	SC&T	KUMHO PETROCHEMICAL	KOREA	2015	OF/RO/LG/VC
164	PACO POWER 160MW	SKEC	MPSA	PANAMA	2015	OF/NZ/RO/LG/SG
165	SEOUL CCPP 400MWx2	DHI	KOREA MIDLAND POWER	KOREA	2015	NZ/VT
166	POCHEON LNG CCPP(1600MW)	DAEWOO E&C	DAEWOO ENERGY	KOREA	2015	OF/NZ/RO/LG/SG
167	HDO NEW FBC BOILER #10	HHI	HDO	KOREA	2015	OF/NZ
168	VINH TAN 4	DHI	EVN	VIETNAM	2015	ORIFICE/LG
169	JEDDAH SOUTH THERMAL POWER PLANT STAGE I	HHI	SEC	SAUDI ARABIA	2015	LG
170	SAFI IPP, 693MWx2	DAEWOO E&C	SAFI ENERGY	MOROCCO	2015	OF/NZ/LG/RO
171	Jeddah South Thermal Power Plant Project	HYUNDAI HEAVY	SEC(Saudi Electricity Company)	SAUDI ARABIA	2014	PG/FI/FS/VC
172	SHUQAIQ SPP EPC PJT	HYUNDAI HEAVY	SEC(Saudi Electricity Company)	SAUDI ARABIA	2014	P/G
173	IGCC(Integrated Gasification Combined Cycle)	DOOSAN HEAVY	KOREA WESTERN POWER	KOREA	2014	P/G
174	Dangjin Thermal Power Plant Unit 9&10	DAELIM INDUSTRIAL	Korea East-West Power Co., Ltd	KOREA	2014	TG/TC/RTD/TW/Metal TC
175	Mexico Intergen SLP Project	SAMSUNG ENG.	Energia San Luis de la Paz, S.A. de C.V	MEXICO	2014	TG/TC/RTD/TW
176	AZ ZOUR NOTRH IWPP(1500MW)	HHI	PTB	KUWAIT	2014	ORIFICE/NZ/FI/FS/LS/LT/LG
177	ICHTHYS LNG CCPP(5xHRSG)	S&TC	CH2M Hill - UGL JV and GE consortium	AUSTRALIA	2014	OF/NZ/VT/DRUM LG
178	DANGJIN TPP 9&10 1000MWx2	DAELIM INDUSTRIAL	KOREA EAST-WEST POWER	KOREA	2014	OF/NZ
179	HANAM CHPP HRSGx1	DHI	KEPCO	KOREA	2014	OF/NZ
180	Samcheok Green Power Plant Unit 1,2 / HDE	HDEC	KOREA SOUTHERN POWER	KOREA	2014	FI/FS
181	PRAI HRSG	DOOSAN	TNB NORTHERN ENERGY	MALAYSIA	2014	OF/NZ
182	SM 200 PHASE I	DAELIM INDUSTRIAL	SARANGANI ENERGY	PHILIPPINE	2014	OF/LG/SG
183	THAI BINH II TPP(2x600MW)	DAELIM INDUSTRIAL	PETRO VIETNAM	VIETNAM	2014	LG/SG/OF/LG/FI
184	BUK PYEONG TPP 1,2(595MWx2)	BHI	KOREA EAST-WEST POWER	KOREA	2014	NZ/LG
185	Ras Djinet CCPP, 400MWx3	DAEWOO E&C	SPE	ALGERIA	2014	OF/NZ/RO/LG/SG
186	SHUQAIQ SPP	S&TC	HHI/SEC	SAUDI ARABIA	2014	LG
187	TAEAN IGCC ASU	DHI	KOREA WESTERN POWER	KOREA	2014	OF/VT
188	SAEMANGUM , 151.5MWx2	DHI	OCISE	KOREA	2014	DRUM LEVEL GAUGE/NZ/OF/VC
189	JEDDAH SOUTH THERMAL POWER PLANT STAGE I	S&TC	HHI/PTB	KUWAIT	2014	LG
190	WONJU RDF(Refuse Derived Fuel)	SEENTEC	KOREA MIDLAND POWER	KOREA	2014	DRUM LEVEL GAUGE
191	PRAI CCGT	SAMSUNG C&T	TNB NORTHERN ENERGY	MALAYSIA	2014	OF/RO
192	TNB FAST TRACK 3A	DAELIM E&C	TNB NORTHERN ENERGY	MALAYSIA	2014	NZ/SG
193	TAEAN THERMAL POWER PLANT #9/10	S&TC	KOREA WESTERN POWER	KOREA	2014	OF/LG
194	MONG DUONG II 2*560MW(NET) COAL FIRED POWER	DOOSAN HEAVY	AES-VCM MONZUON	VIETNAM	2013	PG
195	DANG JIN Thermal Power Plant #5-6	DAEWOO E&C	HYUNDAI GREEN POWER	KOREA	2013	TG/TC/RTD
196	Tufanbeyli Thermal Power Plant	HYUNDAI HEAVY	ENERJI SA	TURKEY	2013	TC/RTD/TW
197	RABIGH POWER PLANT	DOOSAN HEAVY	SEC	SAUDI ARABIA	2013	TC/RTD/TW
198	MONG DUONG Boiler	DOOSAN HEAVY	AES-VCM MONG DUONG POWER COMPANY	VIETNAM	2013	TG/TC/TW
199	YANBU II POWER&WATER	DOOSAN HEAVY	MARAFIQ	SAUDI ARABIA	2013	TG/TC/TW
200	YANBU II PKG1 Power and Water	HANWHA E&C	MARAFIQ	SAUDI ARABIA	2013	TG/TC/TW
201	YULCHON CCPP	SEDAE ENERTECH	YULCHON MPC	KOREA	2013	TG/TC/TW
202	GE3	HYUNDAI HEAVY	SK E&C	KOREA	2013	TG/TC/RTD/TW

# Experience List

## POWER

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
203	MONG DUONG BOP No.1&2	DOOSAN HEAVY	AES-VCM MONG DUONG POWER COMPANY	BIETNAM	2013	TG/TC/RTD/TW
204	Fertil-2	KOREA YOKOGAWA	Ruwais Fertilizer Industry	UAE	2013	TC/RTD/MULTI TC/TW
205	YANBU PHASE-3	DOOSAN HEAVY	MARAFIQ	SAUDI ARABIA	2013	TW
206	ULSAN #4 CAPP	DAELIM INDUSTRIAL	EWP	KOREA	2013	TG/TC/TW
207	NEW FBC BOILER #9	HYUNDAI HEAVY	HYUNDAI OIL BANK	KOREA	2013	TG/TC/RTD/MULTI TC/TW
208	The 2nd Pyeongtaek CAPP	DAELIM INDUSTRIAL	EWP	KOREA	2013	TG/TC/TW
209	BRAKA NUCLEAR PP	KEPCO/HHI	UAE Nuclear Energy	UAE	2013,2012	ORIFICE/LG
210	SINULJIN #1,2 NUCLEAR PP	KHNP	KHNP	KOREA	2013	ORIFICE/LG
211	TAEAN IGCC	DHI/GS E & C	KOREA WESTERN POWER	KOREA	2013	OF/VT/RO/LG/SG
212	SHOAIBA II CAPP	DAELIM E & C	SEC	SAUDI ARABIA	2013	OF/VT/RO
213	UTE BAIXADA FLUMINENSE STAG 207FA 04 MS CAPP	HANGZHOU BOILER	GE	MEXICO	2013	OF/NZ
214	KUDGI STPP 3X800MW	DOOSAN HEAVY	NTPC	INDIA	2013	NZ
215	TRIPOLI WEST 4x350MW POWER PLANT	BHI	GECOL	LIBYA	2013	LG
216	POSCOENERGY COMBINED CYCLE POWER PLANT UNIT 7,8&9	BHI	POSCO ENERGY	KOREA	2013	DRUM LEVEL GAUGE
217	ANDONG CAPP	SIEMENS KOREA	KOREA SOUTH POWER	KOREA	2013	OF
218	RAS AZ ZAWR POWER AND DESALINATION PLANT PROJECT	DOOSAN HEAVY	SALINE WATER CONVERSION CORPORATION	SAUDI ARABIA	2012,2011	PG/DPG/TG/TC/TW
219	Ruwais Refinery Expansion Project PROJECT	GS E & C	TAKREER / ABU DHABI OIL REFINING COMPANY	UAE	2012	PG/DPG/RTD/TG/TC/Sun Shade/ Multi TC/ Skin TC/TW
220	RABIGH POWER PLANT PROJECT	DOOSAN HEAVY	SALINE WATER CONVERSION CORPORATION	SAUDI ARABIA	2012	PG/TG/RTD/TC/TW/LT/OP/LG/LS
221	El Ain El Sokhna Supercritical Thermal Power Plant PROJECT	DOOSAN HEAVY	PGESCO	EGYPT	2012	PG/TG/TC/TW
222	New Haripur CC Power Plant PROJECT	DOOSAN HEAVY	EGCB	BANGLADESH	2012	PG/TG/TC/TW
223	2x60MW MERAK CFPP PROJECT	POSCO	MERAK ENERGY	INDONESIA	2012	PG/TG/TC/TW/RTD/OF/NZ/RO
224	RABIGH POWER PLANT NO.2(2400MW)	DOOSAN HEAVY	SEC	SAUDI ARABIA	2012	ORIFICE/NOZZLE/LG/LS/LT
225	RABIGH POWER PLANT NO.2	TORISHIMA PUMP	DHI/SEC	SAUDI ARABIA	2012	V CONE
226	1200 MW DGEN MEGA POWER	DHI	TORRENT ENERGY	INDIA	2012	ORIFICE/NOZZLE
227	2X685 MW THERMAL POWER RAIPUR	DHI	GMR	INDIA	2012	ORIFICE/NOZZLE
228	MERAK CFPP	POSCO E & C	MERAK ENERGY	INDONESIA	2012	ORIFICE/NOZZLE/VT
229	POCHEON LNG PP(1600MW)	BHI	POCHEON ENERGY	KOREA	2012	ORIFICE/NOZZLE
230	YANBU 2 POWER & WATER(690MW)	HANWHA E & C	MARAFIQ	SAUDI ARABIA	2012	ORIFICE/NOZZLE/SG/V-CONE/TG/TC/TW
231	YANBU 2 POWER & WATER(690MW)	DOOSAN HEAVY	MARAFIQ	SAUDI ARABIA	2012	TG/TC/TW
232	BUGOK 3 CAPP	BHI	SIEMENS	KOREA	2012	DRUM LEVEL GAUGE
233	MONG DUONG II(560MWx2)	DHI	AES-VCM	VIETNAM	2012	ORIFICE/NZ/LG
234	MONG DUONG II(560MWx2)	TORISHIMA PUMP	DHI/AES-VCM	VIETNAM	2012	V CONE
235	QURAYYAH IPP(1000MWx4)	BHI/Samsung C & T	Hajr for Electricity Production Company	SAUDI ARABIA	2012	ORIFICE/NZ/LG

# POWER

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
236	TIHAMA EXPANSION II	HHI	TIHAMA POWER GENERATION	SAUDI ARABIA	2012	ORIFICE/LG
237	EMAL Smelter Phase II(1000MW)	BHI	EMAL	UAE	2012	ORIFICE/NZ/LG
238	Rabigh Power Plant Extension - Stage 6	DOOSAN HEAVY	Saudi Electricity Co	SAUDI ARABIA	2011	PG/TG/TW
239	Ruwais Refinery Expansion Project PKG 1	SK E & C	Abu Dhabi Oil Refining Co.	UAE	2011	PG/PS/TG/TC/RTD/TW
240	RIYADH PP11 IPP PROJECT	HYUNDAI HEAVY	DHURUMA ELECTRICITY COMPANY	SAUDI ARABIA	2011	PG/DPG/TG/TW/RTD/TC
241	MARAFIQ Steam Turbine Generator units 5&6 PROJECT	HANWHA E & C	MARAFIQ	SAUDI ARABIA	2011	PG/TG/TS/RTD/TC/TW/FE/NOZZLE/SG
242	OMAN BARKA 3 IPP (EARLY POWER)	GS E & C	SAOC	OMAN	2011	PG/DPG/TG/TW
243	OMAN SOHAR 2 IPP (EARLY POWER)	GS E & C	SAOC	OMAN	2011	PG/DPG/TG/TW
244	GENAVEH COMBINED CYCLE POWER PLANT	DOOSAN HEAVY	MAPNA GENAVEH POWER GENERATION Co.	IRAN	2011	PG/PS/TG/TS/TW
245	OSEONG HRSG PROJECT	DOOSAN HEAVY	General Electric International, Inc.	KOREA	2011	PG/DPG/TG/TC/FLOW NOZZLE/ORIFICE ASS'Y
246	Chilca Uno Power Station Combined Cycle PROJECT	POSCO	Enersur S.A	PERU	2011	PG/TG/TC/RTD/TW/SKIN TC/SG/OF/VT
247	Barka 3 Independent Power Plant PROJECT	DOOSAN HEAVY	AL SUWADI POWER COMPANY	OMAN	2011	PG/TG/RTD/TC/TW
248	MARAFIQ BOILER#5,6 PJT	DOOSAN HEAVY	MARAFIQ	SAUDI ARABIA	2011	RTD/TC/TG/TW
249	KALLPA 830MW CCGP	BHI	KALLPA BENERACION S.A.	PERU	2011	ORIFICE/NOZZLE
250	RIYADH P11 IPP	DECATEC	SEC	SAUDI ARABIA	2011	LG
251	CHILCAUNO CCGP	POSCO E & C	ENERSUR S.A	PERU	2011	ORIFICE/NOZZLE/SG
252	OSEONG HRSG	DHI & SKEC	GE	KOREA	2011	ORIFICE/NOZZLE
253	HSINTA POWER STATION PROJECT	DOOSAN HEAVY	TAIWAN POWER	TAIWAN	2010	PG/TG/TC/TW
254	AL-KHALIJ PROJECT	HYUNDAI HEAVY	GENERAL ELECTRIC CO	LIBYA	2010	PG/TG/TC/TW
255	AL DUR PROJECT	HYUNDAI HEAVY	Al Dur Power and Water Company BSC	BAHRAIN	2010	PG/TG/TC/TW
256	SINWEOLSEONG NUCLEAR POWER	KHNP	KOREA HYDRO & NUCLEAR POWER	KOREA	2010	PG/TG/TW
257	INCHEON LPG BASE HEATPOWER CONTROL FACILITIES PROJECT	GS E & C	E1	KOREA	2010	PG/TG/TC/TW
258	GUNJANG GP	HAN WHA E & C	GUN JANG CO-GEN	KOREA	2010	ORIFICE/NOZZLE
259	GHECO ONE COAL FIRED POWER PLANT	DOOSAN HEAVY	GHECO ONE(SUEZ GROUP)	THAILAND	2010	ORIFICE/NOZZLE
260	RECONSTRUCTION OF KNPC FIRED HEATER	SK E & C	KNPC	KUWAIT	2009	PG/TG/TC/TW/RTD
261	AROMATICS COMPLEX PROJECT	SK E & C	KUWAIT AROMATICS COMPANY	KUWAIT	2009	PG/TG/TC/TW/RTD
262	CCPP PROJECT	GS CALTEX	YEREVAN THERMAL POWER PLANT	ARMENIA	2009	PG/TG/TC/TW/RTD
263	SONGDO COMBINED HEAT AND POWER PLANT	DAELIM E & C	INCHEON TOTAL ENERGY COMPANY	KOREA	2009	ORIFICE/NOZZLE
264	MA'ADEN PHOSPHATE POWER AND DESALINATION	HAN WHA E & C	MA'ADEN Phosphate Company.	SAUDI ARABIA	2009	ORIFICE/NOZZLE
265	Edwardsport IGCC	DOOSAN HEAVY	Duke Energy	U.S.A	2009	ORIFICE/NOZZLE
266	KOUDIET CCGP	DOOSAN HEAVY	SONELGAZ	ALGERIA	2009	ORIFICE/NOZZLE
267	CEBU COAL FIRED POWER PLANT	DOOSAN HEAVY	KSPC	PHILIPPINE	2009	ORIFICE/NOZZLE
268	AL-DUR IWPP	HYUNDAI HEAVY	Ministry of Finance	BAHRAIN	2009	LEVEL GAUGE
269	CIREBON COAL FIRED POWER PLANT	DOOSAN HEAVY	PT CEP	INDONESIA	2009	ORIFICE/NOZZLE
270	YOUNGWOL	SEEN TEC	KOSPO	KOREA	2009	DRUM LEVEL GAUGE
271	MARAFIQ HRSG PROJECT(#2,#3,#4)	DOOSAN HEAVY	JUBAIL WATER & POWER COMPANY	SAUDI ARABIA	2008	PG/TG/TC/TW/RTD
272	QATALUM BOP	DOOSAN HEAVY	GENERAL ELECTRONIC COMPANY	QATAR	2008	ORIFICE/NOZZLE
273	QATALUM HRSG	DOOSAN HEAVY	GENERAL ELECTRONIC COMPANY	QATAR	2008	ORIFICE/NOZZLE
274	SHUAIBA NORTH CO-GEN	HYUNDAI HEAVY	MEW	KUWAIT	2008	DRUM LEVEL GAUGE
275	SIPAT SUPER THERMAL POWER 3X660MW PROJECT	DOOSAN HEAVY	NATIONAL THERMAL POWER CORPORATION LTD.INDIA		2007	PG/TG/TC/TW

# Experience List

## POWER

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
276	SHUAIBA MSF UNIT #9~#12	DOOSAN HEAVY	FICHTNER	SAUDI ARABIA	2007	PG/TG/TC/TW
277	SAHARA BASELL PDH-PP PROJECT	DAELIM INDUSTRIAL	SAHARA PETROCHEMICAL COMPANY	SAUDI ARABIA	2007	PG/TG/TC/TW
278	HA DONG #7/8 CON & HTR	DOOSAN HEAVY	HA DONG THERMAL POWER PLANT	KOREA	2007	LEVEL GAUGE
279	GUNJANG CO-GENERATION	HAN WHA E & C	GUN JANG CO-GEN	KOREA	2007	ORIFICE/NOZZLE
280	1100MW SUGEN CCPP	DOOSAN HEAVY	TORRENT POWER GENERATION LIIMITED	INDIA	2006	PG/TG/TW
281	SIPAT Super Thermal Power Project(STAGE-I 3x660MW)	DOOSAN HEAVY	National Thermal Power Corporation Ltd.	INDIA	2006	ORIFICE/NOZZLE
282	DANG JIN THERMAL POWER PLANT #7/8	DOOSAN HEAVY	KOMICO. CO. KR	KOREA	2006	ORIFICE/NOZZLE
283	TAEAN THERMAL POWER PLANT #7/8	DOOSAN HEAVY	KOMICO. CO. KR	KOREA	2006	ORIFICE/NOZZLE
284	ARAMCO THIRD PARTY POWER PLANT	HYUNDAI HEAVY	ARAMCO	SAUDI ARABIA	2005	PG/LG/TG/TC/TW
285	SHUAIBA SOUTH POWER GENERATION & WATER DISTILLATION	HANSU	MEW	KUWAIT	2005	PG/TG/TC/TW
286	RAS LAFFAN PH II HRSG PLANT	DOOSAN HEAVY	QATAR POWER COMPANY	QATAR	2005	PG/LEVEL GAUGE/TG/TC/TW
287	MAPNA HRSG	DOOSAN HEAVY	MAPNA	IRAN	2005	PG
288	ARAMCO THIRD PARTY COGENERATION PROGRAM	HYUNDAI HEAVY	TIHAMA POWER GENERATION	SAUDI ARABIA	2005	LEVEL GAUGE
289	RAS LAFFAN PH II QATAR POWER & WATER	HANSU CHEMICAL	DOOSAN HEAVY	QATAR	2005	LEVEL GAUGE
290	ZAIWA CCPP	DOOSAN HEAVY	General Electric Company of LIBYA	LIBYA	2005	ORIFICE/NOZZLE
291	RAS LAFFAN B IWPP	DOOSAN HEAVY	QATAR POWER COMPANY	QATAR	2005	PG/TG/TC/TW/ORIFICE ASS'Y/FLOW NOZZLE
292	PHUMY 2.1	DOOSAN HEAVY	MARUBENI	VIETNAM	2004	ORIFICE/NOZZLE
293	APPC PDH/ PP WHB	DOOSAN HEAVY	SEC	SAUDI ARABIA	2004	ORIFICE/NOZZLE
294	CICLO COMBINADO CAMPO DE GIBRALTAR	DOOSAN HEAVY	NUEVA GENERADORA Del Sur. S.A.	SPAIN	2003	ORIFICE/NOZZLE/VENTURI
295	CC PALOS de la Frontera	DOOSAN HEAVY	UNION FENOSA GENERACION. S.A.	SPAIN	2003	ORIFICE/NOZZLE/VENTURI
296	RAS LAFFAN HRSG	DOOSAN HEAVY	QATAR POWER COMPANY	QATAR	2002	PG
297	FARS HRSG	HYUNDAI HEAVY	POWER COMPANY	IRAN	2001	PG
298	CASTEJON HRSG	DOOSAN HEAVY	HYDROCANTABRICO	SPAIN	2001	ORIFICE/NOZZLE
299	YOUNGKWANG 5 & 6	KEPCO	YOUNGKWANG NUCLEAR POWER GENERATION	KOREA	2000,1999	ORIFICE/LEVEL GAUGE
300	DANG JIN T.P.P UNIT #4	KHIC	DANG JIN THERMAL POWER PLANT	KOREA	1999	ORIFICE
301	WOLSONG 1 & 2	KEPCO	WOLSONG NUCLEAR POWER GENERATION	KOREA	1998	LEVEL GAUGE

## DESALINATION

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
302	DESALINATION PLANT	DAELIM INDUSTRIAL	SWCC	SAUDI ARABIA	2001	PG/TG/TC/TW

# REFINERY

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
303	KNPC CLEAN FUELS PROJECT	HYUNDAI HEAVY	KNPC	KUWAIT	2017	PG/TG/TE/TW
304	S OIL RUC Project	DAELIM INDUSTRIAL	S-OIL	KOREA	2017	PG/TG/TE/TW
305	MX EPC PROJECT	HYUNDAI Engineering	Hyundai Oilbank	KOREA	2016	PG/TG
306	EPC CPF PHASE 2 AT BADRA OIL FIELD	SAMSUNG Engineering	GAZPROM Neft Badra BV	IRAQ	2016	PG/TG
307	KNPC CLEAN FUELS PROJECT	GS E & C	KNPC	KUWAIT	2016	PG/TG/TE/TW
308	BARDEGG-2 & BARONIA EOR DEVELOPMENT	FJORDS PROCESSING CO.,Ltd	PETRONAS	MALAYSIA	2015	PG/TG
309	KNPC CLEAN FUELS PROJECT	GS E & C	KNPC	KUWAIT	2015	PG/TG/TE/TW
310	SOHAR REFINERY IMPROVEMENT PROJECT	DAELIM INDUSTRIAL	ORPIC	OMAN	2015	PG/TG/TE
311	EMERSON - UHV PJT	EMERSON	IRPC	THAILAND	2015	TW
312	S-OIL SUPER PACKAGE#1	DAELIM INDUSTRIAL	S-OIL	KOREA	2015	PG/TG/TE
313	PAKISTAN ARL UPGRADATION	HYUNDAI Engineering	ATTOCK REFINERY LIMITED	PAKISTAN	2014	TG/TC/RTD/TW
314	ERC Refining	JNK Heater	Egyptian Refining	EGYPT	2014	SKIN TC
315	Oil Refinery Reconstruction	HYUNDAI Engineering	Turkmenbashi Oil Processing Complex	TURHMENISTAN	2014	TG/TC/RTD/TW
316	V-Project	SK E&C	SK INNOVATION	KOREA	2013	TG/TC/RTD/TW
317	V-Project	PETROCHEM KOREA	SKI	KOREA	2013	TC
318	RUWAIS REFINERY EXPANSION PKG 4	DAEWOO E&C	TAKREER	UAE	2012	SG
319	RUWAIS REFINERY EXPANSION PKG 7	GS E&C	TAKREER	UAE	2012	SG
320	VGO FCC	GS E&C	GS CALTEX	KOREA	2012	SG,LG
321	YANBU REFINERY PLANT PROJECT	DOOSAN HEAVY	ARAMCO	SAUDI ARABIA	2012	PG/TG/RTD/TC/TW
322	BS-132 PROJECT	SK E&C	KOC	KUWAIT	2012	PG/RTD/TG/TW
323	Ruwais 4th NGL Train Project	SK E&C	GASCO	U.A.E	2011	RTD/MULTI TC/TW
324	NEW BOOSTER STATION BS-132 & ENHANCEMENTS TO BS-131, NORTH KUWAIT	SK E&C	KUWAIT OIL COMPANY	KUWAIT	2011	RTD/TW
325	HABSHAN-5 UTILITIES & OFFSITES PROJECT	HYUNDAI HEAVY	GASCO	U.A.E	2011	RTD/TW
326	NO.4 DIESEL DEWAXING PROJECT	GS CALTEX	GS CALTEX	KOREA	2010	MULTI-THERMOCOUPLE
327	RRC UPGRADING PROJECT	DOOSAN HEAVY	RAYONG REFINERY PUBLIC CO.,LTD	THAILAND	2008	TC/TW/RTD
328	BTX PROJECT	DAELIM INDUSTRIAL	PETRON CORPORATION-REFINERY DIVISION	PHILIPPINES	2008	TG/TC/TW
329	IBN ZAHR PP-UTILITIES & OFFSITE PROJECT	DAELIM INDUSTRIAL	SAUDI EUROPEAN PETROCHEMICAL COMPANY	SAUDI ARABIA	2007	TG/TW
330	NO.6 MDU PROJECT	SK E&C	SK CORP	KOREA	2006	TG/TC/TW
331	FACILITY UPGRADE	SK E&C	KUWAIT OIL COMPANY	KUWAIT	2006	PG/TG/TC/TW
332	POCR UPGRADING EARLY PHASE	GE TECH	POCR	KAZAKHSTAN	2005	LG
333	SUPER PROJECT PKG 1	DAELIM	S-OIL	KOREA	2005	OF/RO
334	KARBALA REFINERY	HANSOL SEENTEC	SCOP	IRAQ	2005	OF/NZ
335	UPGRADING OF BOOSTER STATION	DAELIM INDUSTRIAL	KOC	KUWAIT	2005	TG/TC/TW
336	QP PROJECT	GS E & C	QATAR PETROLEUM	QATAR	2005	PG/TG
337	REFINERY EXPANSION	DOOSAN HEAVY	NODCO	IRAN	2001	R.T.D
338	GC-25 NEW GATHERING CENTRE	GS E & C	KUWAIT OIL COMPANY	KUWAIT	2001	TC

# Experience List

## TEXTILE

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
339	SPANDEX SV-9,10 PROJECT	HYOSUNG	HYOSUNG CORP.	VIETNAM	2015	TG/TE
340	SV 7&8	HYOSUNG	HYOSUNG CORP.	VIETNAM	2014	OF
341	SPANDEX SV5&6	HYOSUNG	HYOSUNG CORP.	VIETNAM	2013	ORIFICE
342	OPTICAL FILM	HYOSUNG	HYOSUNG CORP.	KOREA	2013	LG
343	SPANDEX SV3	HYOSUNG	HYOSUNG CORP.	VIETNAM	2010	ORIFICE
344	SPANDEX T3	HYOSUNG	HYOSUNG CORP.	TURKEY	2010	ORIFICE
345	SPANDEX SV4	HYOSUNG	HYOSUNG CORP.	VIETNAM	2010	ORIFICE
346	SPANDEX V2	HYOSUNG	HYOSUNG CORP.	VIETNAM	2009	ORIFICE
347	SPANDEX VI	HYOSUNG	HYOSUNG CORP.	VIETNAM	2008	ORIFICE
348	SPANDEX TI	HYOSUNG	HYOSUNG CORP.	TURKEY	2007	ORIFICE

## TIRE

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
349	HKT Expansion	LOTTE E&C	HANKOOK TIRE	INDONESIA	2012	ORIFICE/LG

## FERTILIZER

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
350	Bolivia YPFB Ammonia/Urea Project	SAMSUNG Engineering	YPFB	BOLIVIA	2015	PG/TG
351	UMM WUAL PHOSPHATE PROJECT-AMMONIA PLANT	DAELIM INDUSTRIAL	MAADEN	SAUDI ARABIA	2015	PG/TG/TE
352	UMM WU'AL PHOSPHATED PROJECT(PHOSPHORIC ACID PLANT)	HANWHA E & C	MAADEN	SAUDI ARABIA	2015	PG/TG/TE

## WATER

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
353	Asan New City public sewage treatment facility and reuse facility private investment business	SAMSUNG Engineering	ASANSI	KOREA	2018	PG
354	Samsung Engineering S3 Project Phase 3 Construction	SAMSUNG Engineering	SAMSUNG ELECTRONICS	KOREA	2017	PG/TG/TE
355	UMM AL HOUL IWPP	HHI	Qatar General Electricity & Water Corporation	QATAR	2016	FS
356	S3 Line Construction (Ph-1)	SAMSUNG Engineering	SAMSUNG ELECTRONICS	QATAR	2016	PG/TG/TE
357	RPLC DEEP CONVERSION	KOLON EENG	PDVSA	VENEZUELA	2015	OF/WEDGE
358	YANBU 3 DESALINATION	DHI	SWCC	SAUDI ARABIA	2014	OF/NZ/LG/PITOT/PG
359	ESCONDIDA WATER SUPPLY	DHI	BHP	CHILE	2014	LG/FI
360	WPMP (Wara Pressure Maintenance Pjt)	GS E & C	WPMP (Wara Pressure Maintenance Pjt)	KUWAIT	2013	P/G
361	RAS AL KHAIR	DHI	SWCC	SAUDI ARABIA	2012	ORIFICE/NOZZLE/FLANGE ASS'Y
362	WASTE WATER TREATMENT	JANGSUNG GUN	JANGSUNG GUN	KOREA	2012	V CONE
363	WATER TREMENT PACKAGE	SK E&C	KOC	KUWAIT	2006	P/G
364	SABIYA DESALINATION PLANTS	DOOSAN HEAVY	MEW	KUWAIT	2005	ORIFICE/PG
365	SABIYA DESALINATION PLANTS	HANSU	MEW	KUWAIT	2005	ORIFICE/PG/TG/TC/TW

## FOOD

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
366	EDISON 3#	SAMSUNG Engineering	SAMSUNG BIOLOGICS	KOREA	2016	PG/TG

## MACHINE INSTALL

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
367	KAK PROJECT	SC ENGINEERING	SUMITOMO SEIKA POLYMERS KOREA	KOREA	2016	PG/TG/TE

## CONSTRUCTION

No.	PROJECT NAME	CUSTOMER	END USER	LOCATION	DATE DELIVERED	SCOPE OF SUPPLY
368	P-PROJECT	SAMSUNG Engineering	SAMSUNG ELECTRONICS	KOREA	2016	TE












section ■  
Certificates ■








04

# Certificate list

CERTIFICATE MARKING	CERTIFICATE NAME	ISSUE DATE	SCOPE OF CERTIFICATE	CERTIFIED BY
<b>System Certificates</b>				
	Quality Management System (ISO 9001 : 2015)	Aug. 27, 2018	Pressure Gauge, Switch, Transmitter, Temperature Gauge, Sensor, Switch, Transmitter, Level Gauge, Flow Element, Bellows	Korean Foundation for Quality
	Environment Management System (ISO 14001 : 2015)	Aug. 05, 2018	Pressure Gauge, Switch, Transmitter, Temperature Gauge, Sensor, Switch, Transmitter, Level Gauge, Flow Element, Bellows	Korean Foundation for Quality
	KEPIC Certificate - MN	Apr. 16, 2016	Class 1,2,3 Fabrication for Part & Appurtenances (Inclusion of Design Scope)	Korea Electric Association
	ASME Certificate mark with Designator "S", "U" & "PP"	Jul. 23, 2015	Flow Instrument	ASME
<b>Pressure Instrument</b>				
	KS Certificate (KS B 5305)	May. 24, 2012	Bourdon Tube Type Pressure Gauge	Korean Standards Association
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6)	Jan. 08, 2019	SMART PRESSURE TRANSMITTER - [SMT2001]	KTL
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6)	Jan. 08, 2019	SMART PRESSURE TRANSMITTER - [SMT2002/3A]	KTL
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6)	Jan. 08, 2019	SMART PRESSURE TRANSMITTER - [SMT2002/3B]	KTL
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6)	Oct. 04, 2018	UHP TRANSMITTER - [PT850]	KTL
	Explosion Proof Certificate - Intrinsic Safety (Ex ia IIC T6...T4 IP65)	Jan. 05, 2018	UHP Pressure Transmitter - [PT851]	KOSHA
	Explosion Proof Certificate - Type of protection (Ex nA IIC T6...T4 IP65)	Sep. 05, 2017	UHP Pressure Transmitter - [PT852]	KOSHA
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6)	Jan. 18, 2012	Diff. Pressure switch [P991]	KOSHA
	Explosion Proof Certificate - Flame Proof (Ex d IIB+H2 T6)	Apr. 12, 2010	Pressure indicating switch [P990]	KOSHA
	Canadian registration number - Pressure equipment safety	May. 14, 2015	Pressure gauge [P229, P252, P257, P258, P721-1, P721-2] Pressure switch [P953-P2, P953-P3, P970]	ABSA
	Canadian registration number - Pressure equipment safety	Apr. 12, 2013	Pressure gauge [P252, P257, P359, P620, P711, P731] Accessories [A030, A040, A050, A070]	ABSA
	Canadian registration number - Pressure equipment safety	Apr. 11, 2012	Instrument valve - [A080]	ABSA
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 Gb)	Mar. 16, 2018	UHP Pressure Transmitter - [PT850]	NEPSI
	Explosion Proof Certificate - Intrinsic Safety (Ex ia IIC T6...T4 Ga)	Mar. 16, 2018	UHP Pressure Transmitter - [PT851]	NEPSI
	Explosion Proof Certificate - Type of protection (Ex nA IIC T6...T4 Gc)	Mar. 16, 2018	UHP Pressure Transmitter - [PT852]	NEPSI
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 Gb)	Apr. 12, 2018	SMART PRESSURE TRANSMITTER - [SMT Series]	CML
	Explosion Proof Certificate - Flame Proof (Ex db IIC T4/T5/T6 Gb) Dust Ignition Proof (Ex tb IIC T80°C/T90T°C/130°C Db)	Aug. 31, 2018	SMART PRESSURE TRANSMITTER - [SMT Series]	CML
<b>Temperature Instrument</b>				
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6)	Oct. 28, 2014	Temperature sensor (Thermocouple & R.T.D) - [R Series : R121, R122, R221, R222]	KTL
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP65)	Jul. 25, 2013	Multi-Point Temperature Sensor [R550]	KOSHA
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP65)	Jul. 25, 2013	Multi-Point Temperature Sensor [R560]	KGS
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP56)	May. 09, 2013	SPACE HEATER [H100]	KGS
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP56)	Dec. 25, 2012	Temperature sensor (Thermocouple & R.T.D) - [RL Type : R190]	KGS
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP67)	Aug. 01, 2012	Temperature sensor (Thermocouple & R.T.D) - [RC Type : R931, R932, R933, R934]	KGS

CERTIFICATE MARKING	CERTIFICATE NAME	ISSUE DATE	SCOPE OF CERTIFICATE	CERTIFIED BY	
<b>Temperature Instrument</b>					
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP65)	Nov. 01, 2011	Temperature sensor (Thermocouple & R.T.D : Movable sheath type)- [RS Type : R921, R922]	KGS	
	Explosion Proof Certificate - Flame Proof (Ex d IIB+H2 T6)	Jun. 07, 2011	Temperature indicating switch [T990]	KOSHA	
	Explosion Proof Certificate - Intrinsic Safety (Ex ia IIC T6)	May. 06, 2011	Temperature sensor (Thermocouple & R.T.D) - [ETR10 Series : R951, R952]	KOSHA	
	Explosion Proof Certificate - Intrinsic Safety (ATEX Ex ia IIC T6..T3 Ga/Gb)	Dec. 08, 2017	Temperature sensor (Thermocouple & R.T.D) - [R950(ETR10) Series]	DEKRA	
	Explosion Proof Certificate - Increased Safety (ATEX Ex e IIC Gb)	Nov. 21, 2017	Coil end temperature detector and Bearing temperature sensor) - [R840 Series]	LCIE	
	Explosion Proof Certificate - Intrinsic Safety (ATEX Ex ia IIC T6...T3 Ga)	Aug. 31, 2017	Bearing Temperature sensor - [R840 Series]	Bureau Veritas	
	Explosion Proof Certificate - Flame Proof (ATEX Ex d IIC T6 Gb)	Jul. 24, 2017	Temperature sensor (Thermocouple & R.T.D) - [ETR Series : R941, R942]	LCIE	
	Explosion Proof Certificate - Increased Safety (ATEX II 2G Ex e IIC T6...T1 Gb)	Jun. 03, 2016	Temperature sensor R950 Series (Thermocouple & R.T.D) - [ETR10 Series]	Bureau Veritas	
	Explosion Proof Certificate - Flame Proof / Intrinsic Safety / Increased Safety / dust ignition proof - II (1)2G Ex d ia/ib [ia/ib] IIC T6 Gb - II 2G Ex d e IIC T6 Gb - II 2D Ex tb IIIC T85 °C Db IP66/IP67	Nov. 27, 2015	Field Junction Box [B500 Series]	Bureau Veritas	
	Explosion Proof Certificate - Flame Proof (ATEX Ex d IIC T6 Gb)	Dec. 07, 2015	ILLUMINATOR [A250]	Bureau Veritas	
	Explosion Proof Certificate - Increased Safety (ATEX II 2G Ex e IIC Gb)	Oct. 25, 2013	Stator Winding R.T.D - [R810 Series : R811, R812, R813, R814, R815, R816, R817, R818]	Bureau Veritas	
	Explosion Proof Certificate - Intrinsic Safety (ATEX Ex ia IIC T6..T3 Ga)	Oct. 25, 2013	Stator Winding R.T.D - [R820 Series : R821, R822, R823, R824, R825, R826, R827, R828]	Bureau Veritas	
	Explosion Proof Certificate - Increased Safety (ATEX II 2G Ex e II Gb)	Jan. 08, 2013	SPACE HEATER [H100]	Bureau Veritas	
		Explosion Proof Certificate - Intrinsic Safety (IECEx Ex ia IIC T6..T3 Ga/Gb)	Dec. 08, 2017	Temperature sensor (Thermocouple & R.T.D) - [R950(ETR10) Series]	DEKRA
		Explosion Proof Certificate - Increased Safety (IECEx Ex e IIC Gb)	Nov. 21, 2017	Coil end temperature detector and Bearing temperature sensor) - [R840 Series]	LCIE
		Explosion Proof Certificate - Intrinsic Safety (IECEx Ex ia IIC T6..T3 Ga)	Sep. 01, 2017	Bearing Temperature sensor - [R840 Series]	Bureau Veritas
Explosion Proof Certificate - Flame Proof (IECEx Ex d IIC T6 Gb)		Jul. 24, 2017	Temperature sensor (Thermocouple & R.T.D) - [ETR Series : R941, R942]	LCIE	
Explosion Proof Certificate - Increased Safety (IECEx Ex e IIC T6...T1 Gb)		Jun. 06, 2016	Temperature sensor R950 Series (Thermocouple & R.T.D) - [ETR10 Series]	Bureau Veritas	
Explosion Proof Certificate - Flame Proof (IECEx Ex d IIC T6 Gb)		Dec. 07, 2015	ILLUMINATOR [A250]	Bureau Veritas	
Explosion Proof Certificate - Flame Proof / Intrinsic Safety / Increased Safety / dust ignition proof - Ex d ia/ib [ia/ib] IIC T6 Gb - Ex d e IIC T6 Gb - Ex tb IIIC T85 °C Db IP66/IP67		Nov. 27, 2015	Field Junction Box [B500 Series]	Bureau Veritas	
Explosion Proof Certificate - Increased Safety (IECEx Ex e IIC Gb)		Feb. 19, 2014	SPACE HEATER [H100]	Bureau Veritas	
Explosion Proof Certificate - Increased Safety (IECEx Ex e IIC Gb)		Nov. 04, 2013	Stator Winding R.T.D - [R810 Series : R811, R812, R813, R814, R815, R816, R817, R818]	Bureau Veritas	

CERTIFICATE MARKING	CERTIFICATE NAME	ISSUE DATE	SCOPE OF CERTIFICATE	CERTIFIED BY
<b>Temperature Instrument</b>				
	Explosion Proof Certificate - Intrinsic Safety (IECEx Ex ia IIC T6...T3 Ga)	Nov. 04, 2013	Stator Winding R.T.D - [R820 Series : R821, R822, R823, R824, R825, R826, R827, R828]	Bureau Veritas
	Canadian Registration Number - Pressure Equipment Safety	Jul. 30, 2013	Thermowell - [A600, A630, A631, A632, A610, A611, A612]	ABSA
	Explosion Proof Certificate - Intrinsic Safety / Increased Safety - R810(Ex e IIC Gb) - R820(Ex ia IIC T6...T3 Ga) - H100(Ex e IIC Gb)	Mar. 31, 2016	Stator Winding R.T.D - [R810, R820 Series] SPACE HEATER [H100]	TECHNO STANDARD
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6)	Jun. 08, 2016	Explosion proof type Indicating Pressure Switch [P981, P982 Series]	KTL
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6)	Mar. 28, 2016	Head mounting type multi temperature transmitter [R911]	KTL
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6)	Mar. 28, 2016	Head mounting type temperature transmitter (RTD Only) [R912]	KTL
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP65)	Mar. 23, 2016	Ultrasonic Gas Flow Meters [U111K]	KGS
	Explosion Proof Certificate - Flame Proof (Ex de IIC T6 IP67)	Apr. 07, 2016	Metallic protection tube Thermocouple and RTD [R960 Series]	KGS
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP65)	Apr. 07, 2016	Non-metallic protection tube thermocouple [R970 Series]	KGS
	Explosion Proof Certificate - Intrinsic Safety (Ex ia IIC T6...T3)	Aug. 06, 2015	Stator Winding R.T.D - [R820 Series : R821, R822, R823, R824, R825, R826, R827, R828]	KGS
	Explosion Proof Certificate - Increased Safety (Ex e IIC T6...T1)	Apr. 24, 2015	Temperature sensor (Thermocouple & R.T.D) - [ETR10 Series]	KGS
	Explosion Proof Certificate - Increased Safety (Ex e IIC Gb)	Jan. 16, 2015	Stator Winding R.T.D - [R810 Series : R811, R812, R813, R814, R815, R816, R817, R818]	KGS
		Explosion Proof Certificate - Intrinsic Safety (Ex ia IIC T6...T1 Ga/Gb)	Apr. 14, 2017	Temperature sensor (Thermocouple & R.T.D) - [R950(ETR10) Series]
Explosion Proof Certificate - Increased Safety (Ex e IIC T6...T1 Gb)		Apr. 13, 2017	Temperature sensor (Thermocouple & R.T.D) - [R950(ETR10) Series]	NEPSI
<b>Pressure and Temperature Instrument</b>				
	Explosion Proof Certificate - Intrinsic Safety (Ex ia IIC T6)	Jul. 03, 2017	Inductive Contacts Type Pressure Gauge [P500, P501, P502, P690, T500, T510 Series]	KOSHA
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP65)	Nov. 14, 2016	Pressure & Temperature Switch [953 Series : P953, P970, T953]	KTL
	Explosion Proof Certificate - Flame Proof (IECEx Ex d IIC T6 Gb)	Aug. 01, 2016	Pressure & Temperature Switch [953 Series : P953, P970, T953]	LCIE
	Explosion Proof Certificate - Flame Proof (ATEX Ex d IIC T6 Gb)	Jun. 15, 2016	Pressure & Temperature Switch [953 Series : P953, P970, T953]	LCIE
	Explosion Proof Certificate - Constructional Safety (ATEX Ex II GD c IIC TX)	Apr. 11, 2014	Pressure Gauge [P229, P252, P253, P257, P258, P259, P330, P335, P421, P422, P428, P429, P711, P712, P721, P722, P731, P732, P741, P742, P751, P752, P753, P754, P757, P771, P772, P810, P820, P830] Temperature Gauge [T110, T111, T112, T120, T140, T190, T191, T359, T210, T212, T219, T220, T222, T229, T230, T239, T250, T259]	Bureau Veritas
	Explosion Proof Certificate - Constructional Safety (ATEX Ex II GD c IIB TX)	May. 02, 2014	Pressure Gauge [P359] Temperature Gauge [T359]	Bureau Veritas
	3-A Symbol Certificate	Dec. 31, 2016	Sanitary pressure & Temperature gauges, Temperature sensor, Transmitters, Thermowell [P752S, P753S, P426, P427, T123, R231, R232, A603]	3-A Sanitary Standard, Inc.
	GOST-Pattern Approval	Feb. 27, 2015	Pressure Gauge [P229, P235, P252, P253, P257, P258, P259, P330, P359, P500, P590, P810] Pressure Gauge(Diaphragm type) [P421, P422, P428, P710, P720, P730, P740, P751, P752, P753, P754, P755, P756, P770] Differential Pressure Gauge [P620, P640, P660, P670, P680, P690] Temperature Gauge(T100) [T110, T120, T140, T190, T191]	ROSSTANDARD

CERTIFICATE MARKING	CERTIFICATE NAME	ISSUE DATE	SCOPE OF CERTIFICATE	CERTIFIED BY
<b>Pressure and Temperature Instrument</b>				
	GOST-Pattern Approval	Dec. 19, 2014	Resistance Temperature Detector [R211, R212, R221, R222, R311, R312, R321, R322, R331, R332, R810, R820, R830, R921, R922, R941, R942, R951, R952] Temperature Gauge(T200) [T210, T212, T219, T220, T229, T230, T239, T250, T259, T521, T522, T523, T524, T525, T761, T762, T763, T764] Thermocouple [R111, R112, R121, R122, R311, R312, R322, R331, R332, R921, R922, R941, R942, R951, R952]	ROSSTANDARD
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 Gb)	Mar. 10, 2017	Pressure & Temperature Switch [953 Series : P953, P970, T953]	NEPSI
	Explosion Proof Certificate - Intrinsic Safety (Ex ia IIC T6 Ga)	Nov. 05, 2015	Pressure Gauge [P500 Series, P501 Series, P690 Series] Temperature Gauge [T500 Series]	
<b>Pressure Instrument, Temperature Instrument, Flow &amp; Level Instrument</b>				
	Pressure Equipment Directive (2014/68/EU) Annex III Module H	Apr. 26, 2017	Pressure instrument [P252, P257, P258, P229, P359, P500, P510, P520, P531, P532, P533, P534, P537, P539, P535, P536, P710, P720, P740, P630, P631, P632, P633, P634, P635, P651, P652, P653, P654, P655] Pressure gauge accessories [A040, A070] Flow elements [F500, F510, F600, F700, F750] Level instruments [L110, L210, L140, L240, L300, L310, L500, L510]	TUV NORD Systems GmbH & Co. KG
	TRCU (Technical Reulation of Customs Union)	Feb. 14, 2017	Orifice Plate [F100, F200, F300, F400, F500, F510]	TECHNO STANDARD
		Jun. 09, 2016	Flow Element & Venturi Tube [F600, F700, F750, F760, F770]	
		Mar. 21, 2016	Pressure Gauge	
		Apr. 07, 2016	Level Gauge	
		Dec. 15, 2015	Thermowell	
		Dec. 03, 2015	Thermometer	
Dec. 03, 2015	Thermocouple & RTD			
<b>Flow &amp; Level Instrument</b>				
	Explosion Proof Certificate - Flame Proof (Ex d IIC T6 IP65)	Dec. 14, 2012	ILLUMINATOR [A250]	KGS
<b>Gas Instrument</b>				
	NEP (New Excellent Product)	Sep. 07, 2018	Wireless Leak Detector [GLD1000]	KOITA
	Explosion Proof Certificate - Flame Proof (Ex de IIC T6 IP65)	Jul. 26, 2018	Wireless Leak Detector [GLD1000]	KGS



Overseas Vendor Registration Status



Overseas Vendor Registration Status

section



05

# Overseas vendor Registration Status

## PRESSURE

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<b>PG</b>	Pressure Gauge
<b>PS</b>	Pressure Switch
<b>DP</b>	Differential PG
<b>ACC</b>	Accessories
<b>PT</b>	Pressure Transmitters

## TEMPERATURE

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<b>TG</b>	Temperature Gauge   Thermometer
<b>TC</b>	Thermocouple
<b>TW</b>	Thermowell
<b>RTD</b>	Resistance Temperature Detector
<b>TS</b>	Temperature Switch
<b>TT</b>	Temperature Transmitter

## FLOW & LEVEL

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### FLOW

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<b>OF</b>	Orifice Flange & Assemblies
<b>FS</b>	Flow Switch
<b>VC</b>	Venturi Cone

### LEVEL

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<b>GG</b>	Level Gauge Glass
<b>OP</b>	Orifice Plate
<b>FM</b>	Flow Meter
<b>FN</b>	Flow Nozzle
<b>FT</b>	Flow Transmitter
<b>LG</b>	Level Gauge
<b>LT</b>	Level Transmitter

## SIGHT GLASS

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<b>SG</b>	Sight Glass
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### GAS DETECTORS

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<b>GD</b>	Gas detector
<b>FD</b>	Fire detector



COMPANY NAME	LOCATION	REGISTERED ITEMS
<b>KUWAIT</b>		
<b>KOC</b> (KUWAIT OIL COMPANY)	KUWAIT	PG, PS / TG, TW, TS
<b>KNPC</b> (KUWAIT NATIONAL PETROLEUM COMPANY)	KUWAIT	PG, PS / TG, TW, TS, RTD, TC, FS
<b>KINGDOM OF SAUDI ARABIA</b>		
<b>SABIC</b> (SAUDI BASIC INDUSTRY CORPORATION)	SAUDI ARABIA	PG, PS / TG, TS
<b>SEC</b> (SAUDI ELECTRICITY COMPANY)	SAUDI ARABIA	PG, PS / TG, TC, TS, TW / OF, FM, GG / GD, VT
<b>SWCC</b> (SALINE WATER CONVERSION CORPORATION)	SAUDI ARABIA	TG, RTD, TW, PG
<b>BAHRAIN</b>		
<b>EWAB</b> (ELECTRICITY & WATER AUTHORITY OF BAHRAIN)	BAHRAIN	PG, PS, TG, TC, TW, TS, RTD, LG, GG, FM, VT, OP, OF, GD, FD
<b>U.A.E</b>		
<b>ADWEA</b> (ABU DHABI WATER & ELECTRICITY AUTHORITY)	ABU DHABI	PG, PS, PT, TG, TT, TC, RTD, TW / OP, OF, FM, FS, FN, LG, LT, LS
<b>ADGAS</b> (ABU DHABI GAS LIQUEFACTION COMPANY)	ABU DHABI	PG, PS, TG, TT, TC, RTD, TW / OP, OF, FM, FS, FN, VT / LG, GG, SG
<b>ADNOC</b> (ABU DHABI NATIONAL OIL COMPANY)	ABU DHABI	PG, PS, PT, TG, TT, TC, RTD, TW / OP, OF, FM, FS, FN, VT / LG, LT, LS, SG
<b>GASCO</b> (ABU DHABI GAS INDUSTRIES LIMITED)	ABU DHABI	PG, PS, PT, TG, TT, TC, RTD, TW / OP, OF, FM, FN, VT / LG, GG, LT, LS, SG
<b>TAKREER</b> (ABU DHABI REFINING COMPANY)	ABU DHABI	PG, PS, TG, TC, RTD, TW, FM, VT / LG, SG
<b>QATAR</b>		
<b>QATAR PETROLEUM</b> (QUTAR PETROLEUM)	QUTAR	PG, TG, RTD, TC, TW, LG, FE
<b>THAILAND</b>		
<b>PTT</b> (PETROLEUM AUTHORITY OF THAILAND)	THAILAND	PG / TG
<b>IRPC</b> (IRPC PUBLIC COMPANY LIMITED)	THAILAND	PG / TG, TC, TW, RTD
<b>IRAN</b>		
<b>NIGC</b> (NATIONAL IRANIAN GAS COMPANY)	IRAN	PG, TG, RTD, TC, TW, PT, TT, PS, TS, LS
<b>MALAYSIA</b>		
<b>PETRONAS</b> (PETRONAS)	MALAYSIA	PG, DPG, TG, TS, SG, PS, FE, OP, VT, FN, LG, TW, TC, RTD
<b>TAIWAN</b>		
<b>CTCI</b>	TAIWAN	PG, TG, PS, TS, PT, TT, FM, OF, LG, NZ, VT, SG, RTD, TC, TW, VALVE, MULTI/SKIN TC, GAS DETECTOR, BELLOWS



Worldwide Local Distributors and Business Partners | Company Location | Distributors

Distributors & Location

section



06

# Worldwide Local Distributors and Business partners



## The Middle East

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SAUDI ARABIA  
UNITED ARAB EMIRATES  
OMAN  
KUWAIT  
PAKISTAN  
LIBYA  
IRAN

## Europe

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GERMANY  
RUSSIA  
FRANCE

## Africa

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SOUTH AFRICA  
NIGERIA  
EGYPT

## East Asia

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KOREA  
JAPAN  
CHINA  
HONG KONG  
TAIWAN

## South East Asia

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AUSTRALIA  
THAILAND  
INDONESIA  
SINGAPORE  
VIETNAM  
PHILIPPINES  
MALAYSIA

**Name of Company - Full legal name** WISE Control Inc.

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**Chief Executive Officer** Sanghoon Lee

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**The Americas**

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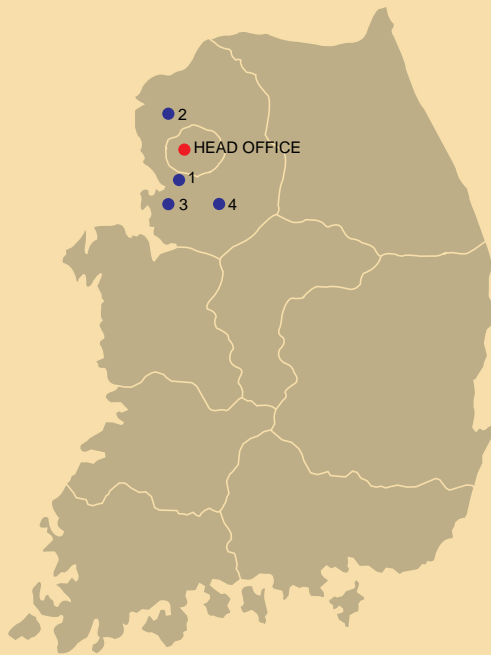
UNITES STATE  
CANADA

**South America**

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COLOMBIA  
PERU

# Company Location



## HEAD OFFICE

19F, 181, Gasan digital 1-ro, Geumcheon-gu, Seoul, 08503,  
Republic of Korea  
Tel. +82-2-300-2300 Fax. +82-2-300-2301

## FACTORY - 1

2022, Deogyong-daero, Giheung-gu, Yongin-si, Gyeonggi-do, 17097,  
Republic of Korea

## FACTORY - 2

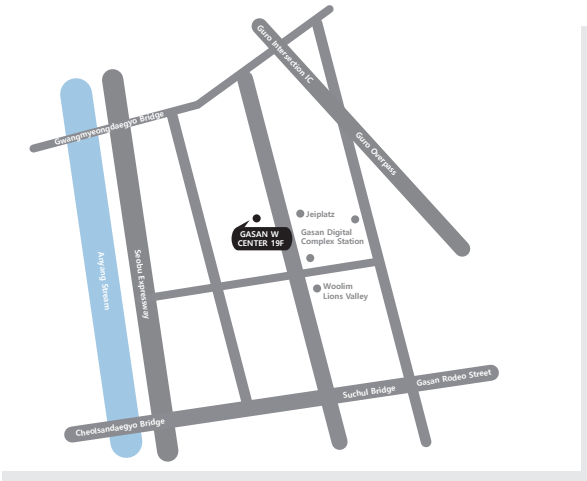
149, Hanroksan-gil, Tanhyeon-myeon, Paju-si, Gyeonggi-do, 10858,  
Republic of Korea  
Tel. +82-31-949-1043 Fax. +82-31-949-1041

## FACTORY - 3

Sosa Plaza 204, 46, Gyeongin-ro 392 Beon-gil, Sosa-gu, Bucheon-si,  
14693, Republic of Korea  
Tel. +82-31-351-5751 Fax. +82-31-351-5754

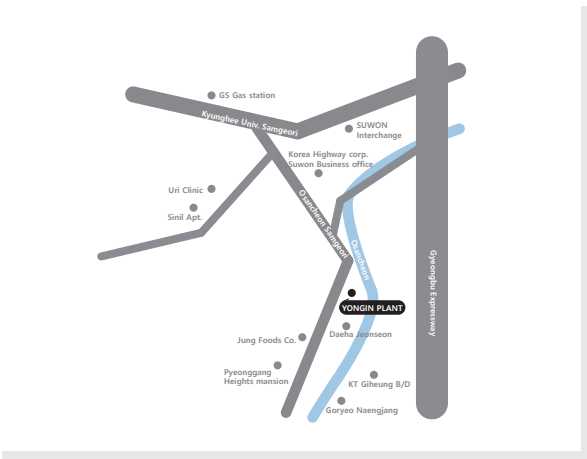
## FACTORY - 4

5, Madogongdan-ro 4-gil, Mado-myon, Hwaseong-si, Gyeonggi-do,  
18542, Republic of Korea  
Tel. +82-31-812-6226 Fax. +82-31-812-6556



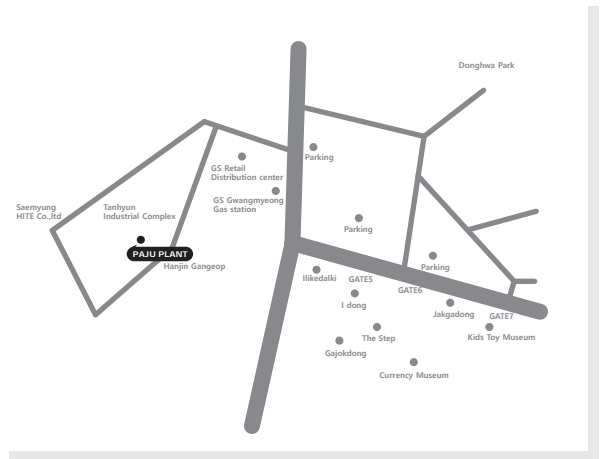
**HEAD OFFICE**

19F, 181, Gasan digital 1-ro, Geumcheon-gu, Seoul, Republic of Korea  
<http://www.wisecontrol.com>



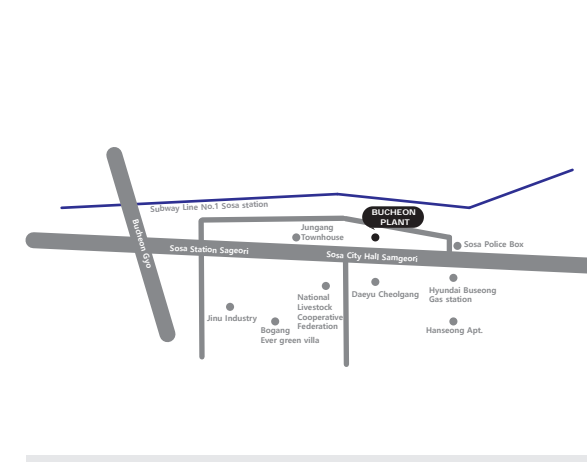
**YONGIN PLANT FACTORY - 1**

2022, Deogyong-daero, Giheung-gu, Yongin-si, Gyeonggi-do, 17097, Republic of Korea  
<http://www.wisecontrol.com>  
 PRODUCT. Pressure & Temperature Instruments



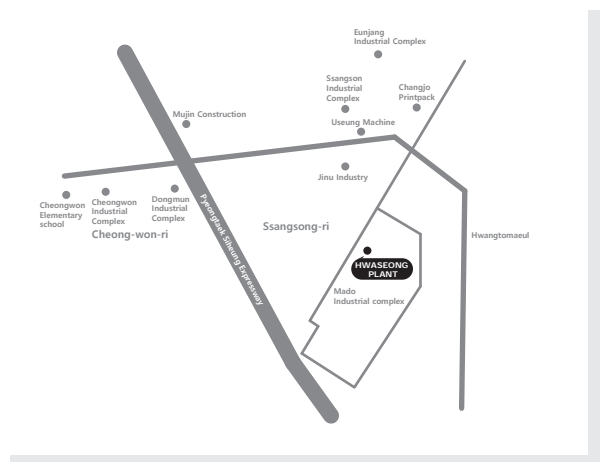
**PAJU PLANT FACTORY - 2**

149, Hanroksan-gil, Tanhyeon-myeon, Paju-si, Gyeonggi-do, 10858, Republic of Korea  
 Tel. +82-32-328-1571 Fax. +82-32-328-6530  
 PRODUCT. Power transmission line hardware



**BUCHEON PLANT FACTORY - 3**

Sosa plaza 204, 46, 392-gil, Gyeongin-ro, Sosa-gu, Bucheon-si, Gyeonggi-do, 14693, Republic of Korea  
 Tel. +82-32-351-5751~53 Fax. +82-32-351-5754  
 PRODUCT. General Service Pressure gauge



**HWASEONG PLANT FACTORY - 4**

5, Madogongdan-ro 4-gil, Mado-myon, Hwaseong-si, Gyeonggi-do, 18542, Republic of Korea  
 Tel. +82-31-366-9237 Fax. +82-31-366-9238  
 PRODUCT. Level Gauge & Flow Elements

**YONGIN PLANT**

2022, Deogyong-daero, Giheung-gu, Yongin-si,  
Gyeonggi-do, 17097, Republic of Korea  
<http://www.wisecontrol.com>  
PRODUCT. Pressure & Temperature instruments

**PAJU PLANT**

149, Hanroksan-gil, Tanhyeon-myeon, Paju-si,  
Gyeonggi-do, 10858, Republic of Korea  
PRODUCT. Power transmission line hardware

**BUCHEON PLANT**

122, Jomaru-ro 385beon-gil, Bucheon-si, Gyeonggi-do, 14556,  
Republic of Korea  
PRODUCT. General Service Pressure gauge

**HWASEONG PLANT**

5, Madogongdan-ro 4-gil, Mado-myon, Hwaseong-si,  
Gyeonggi-do, 18542, Republic of Korea  
PRODUCT. Level Gauge & Flow Elements

**HEAD OFFICE**

19F, 181, Gasan digital 1-ro, Geumcheon-gu, Seoul,  
Republic of Korea  
Tel. 82-2-300-2300 Fax. 82-2-300-2301  
<http://www.wisecontrol.com>