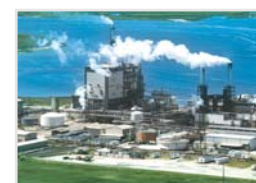


# RITCO

PURSuing OPTIMIZED SOLUTIONS IN HARMONY  
BETWEEN MAN AND NATURE



## RITCO Headquarter

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## Namkyong Saudi Arabia LLC.

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## WHO we are:

RITCO(Royal Industrial Tech Corp) is a comprehensive solution provider of advanced technologies in the field of infrastructure and industrial plants for the improvement of human living standards. RITCO acts as a contractor for engineering, designing, manufacturing, supply, construction, commissioning, operation and maintenance. RITCO is engaged in the development and application of environmental and safety technology systems for industrial plants, roads, tunnels, subways, railways and other areas on a global basis

# PURSuing OPTIMIZED SOLUTIONS IN HARMONY BETWEEN MAN AND NATURE

## ROYAL INDUSTRIAL TECH CORP

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## With our dedication to Safety and Environmental Sustainability

At RITCO we are convinced that the best quality products and systems provided in combination with 'smart' engineering solutions and a strong sense of commitment to our customers are the key reasons for the rapid remarkable growth of our group of companies.

Founded in 1991, RITCO initially entered the Korean market with a range of products and engineering solutions in the field of system integration for infrastructure development, instruments and control systems for industrial plants. Thereafter, by placing the highest priorities on satisfaction of our customers needs, securing top quality engineers and continuous product developments through more than 500 successfully implemented projects, RITCO has become the Leader in Korea in the field of Infrastructure Development and Plant Business.

Currently, RITCO is diversifying its business area to strengthen its leading position on domestic and international project markets.

RITCO has become a success story which would not be possible without our customers' trust in our professionalism and dedicated hard-working employees who never refuse to take up challenges.

We, RITCO, look forward to serving both our costumers and costumers-to-be.

We would like to express our gratitude toward your interests in us and we pledge we would do our utmost to exceed our customers' expectations.

Thank you

**Chung, Jong Seung**  
Chairman



**JS Chung, Chairman**

- BS degree from Sungkyunkwan University
- MD from Suwon University in Civil Engineering
- PhD from Suwon University in Business Administration
- Manager at LG-Honeywell Corporation
- Procurement Manager at Hanhwa Construction Corporation



**JK Chung, CEO/ Industrial Plant Division Director**

- BS from Hankuk University of Foreign Studies
- MS from Hankuk University of Foreign Studies MIS
- Sales Director at Schneider Electric Korea



**DS Shim, Infrastructure Division Manager**

- BS from Yonsei University in Civil Engineering
- Vice President at Dongbu Corporation (Civil and Environmental Engineering Division)
- Professional Engineer in Civil Engineering



**YS Park, COO, Overseas Business**

- MD in Business Administration from George Washington University
- EVP, Overseas Resources Business, Korea Gas Corporation
- Manager, Chin Hung International Inc.



**JH Park, Director of Overseas Division**

- BSc in Civil Engineering from Korea University
- Construction Manager in Jaewon Industrial Development Co., Ltd.
- Construction Manager in Samwhan Corporation



MANAGEMENT STRATEGY



COMPANY HISTORY & BRIEF INTRODUCTION

COMPANY HISTORY

- 1991 Established
- 1995 Started businesses of designing, manufacturing and selling of metering systems for tunnels
- 1999 Established Research Center, Certified as ISO 9001, Filed tunnel related patents
- 2001 Certified firefighting system for tunnels, a first in Korea
- 2002 Acquired patent of tunnel illuminating system
- 2004 Selected as one of major equipment suppliers to electricity generating companies
- 2007 Selected as the company of the year in environmental area  
Filed the international patent for jet-fan technology
- 2010 Awarded for firefighting equipment development, Awarded for Railroad equipment development
- 2011 Certified as ISO 14001
- 2012 Filed the patent for anti-icing spray device
- 2013 Applied the patent for ESP, Awarded
- 2014 Awarded for Noise Reduction System Installation and 27 Set Jet-fan Replacement Projects in KSA

BRIEF INTRODUCTION

NAME OF COMPANY	RITCO (Royal Industrial Tech Corp.)		
MANAGEMENT	- Chairman: JS Chung - CEO/Industrial Plant Division Director: JK Chung		
ESTABLISHED	1995. 5. 1	EMPLOYEE	About 300 employees
LOCATION	63, Nonhyeon-ro 63-gil, Gangnam-gu, Seoul, Korea, 135-936		
MAIN BUSINESS	EPC, Engineering, Manufacturing, Construction, Operation & Maintenance		
PRODUCTS	<ul style="list-style-type: none"> <li>- Environmental Monitoring and Air Purification Systems</li> <li>- Ventilators, Dampers, Air Handling Unit (AHU)</li> <li>- Fire Alarm and Extinguishing Systems</li> <li>- Road Weather Information System &amp; Anti-icing Spraying System</li> <li>- Light &amp; Luminance Control System</li> <li>- Automatic Incident Detection System</li> <li>- SCADA system and System Integration</li> <li>- Automated Waste Management System</li> <li>- Solar Energy Systems</li> </ul>		
SERVICES	<ul style="list-style-type: none"> <li>- E&amp;M installation, Metal Structure Manufacturing, Operation &amp; Maintenance</li> <li>- System Integration for Roads, Tunnels, Metro, Railroads, U-City, Airport, Harbors, Sewage Disposal Facilities, etc</li> <li>- Architectural &amp; Civil Construction</li> <li>- Equipment &amp; Materials Trading</li> </ul>		
CERTIFICATES AND R&D	<ul style="list-style-type: none"> <li>- Certificated as INNO-BIZ, Certificates of ISO9001 and ISO14001</li> <li>- Development of SCADA control System of Tunnel Ventilation</li> <li>- Development of Early Fire Detection in train/Auto Fire Extinguishing equipment</li> <li>- Development of Road surface Monitoring &amp; Anti-Icing System</li> <li>- Development of Fine Dust &amp; NO2 Removal, Air Purification System</li> </ul>		

VISION

**A Global Player with best available technology and accumulated experience**

POLICY

**Value-based Management for Customer Satisfaction**

RITCO will enhance the customer satisfaction as well as its profitability by creating added value to satisfy the customers' needs with our diverse experiences in implementing numerous projects successfully and advanced technologies from our R&D.

**Continuous Development in Technology and Business**

RITCO will reinforce its ability to cope with rapid change in business environment by utilizing new technology and patent rights which equate to the diversification of its business area. This is because diversification can strengthen our position in the domestic market and help us actively engage in the international projects.

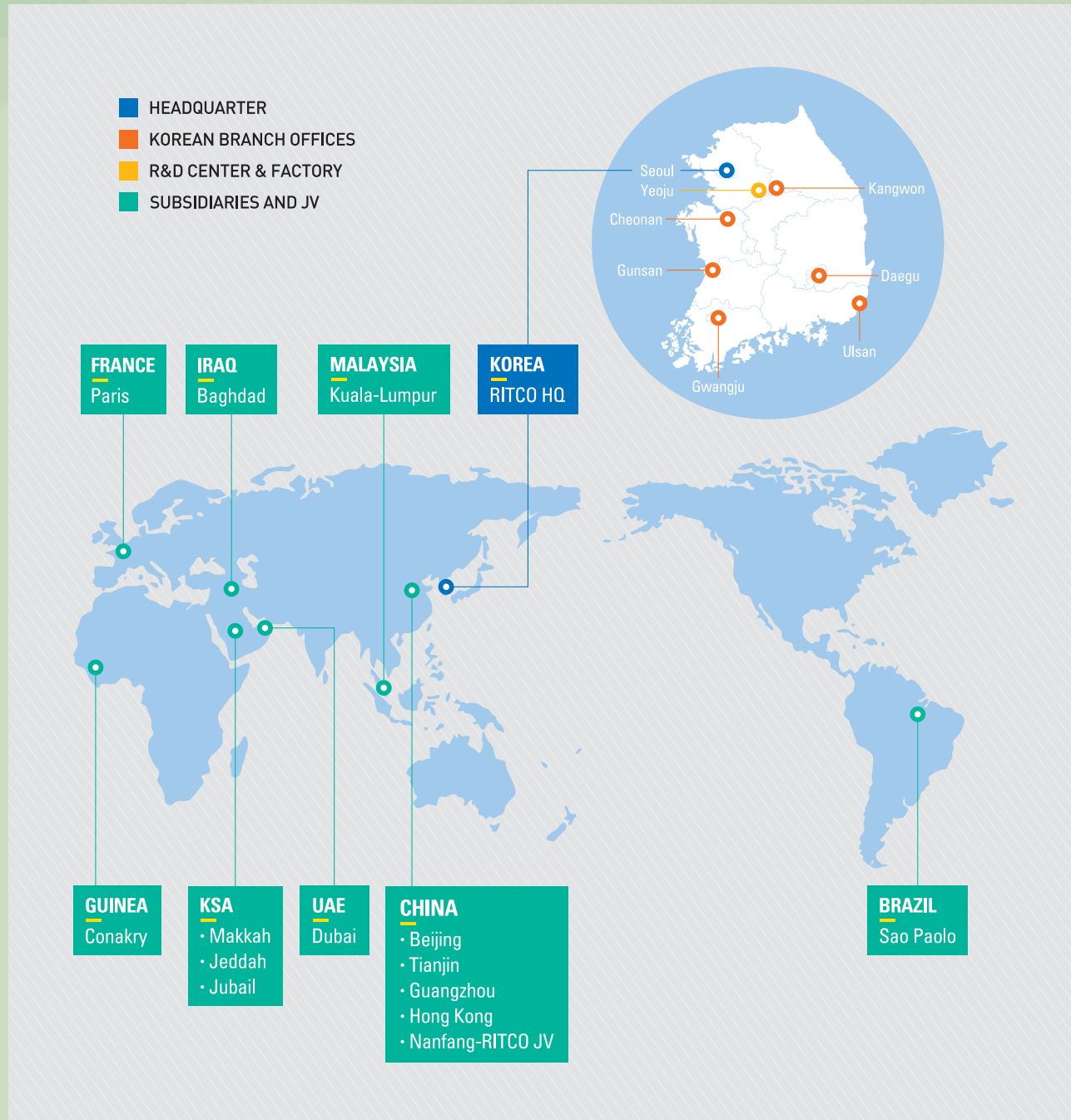
**Efficient Corporate Structure**

RITCO will strengthen its business operation by streamlining the company's working process.

**Systematic A/S Networking**

RITCO will do its utmost to keep customers' trust by providing prompt, efficient and effective services to customers.



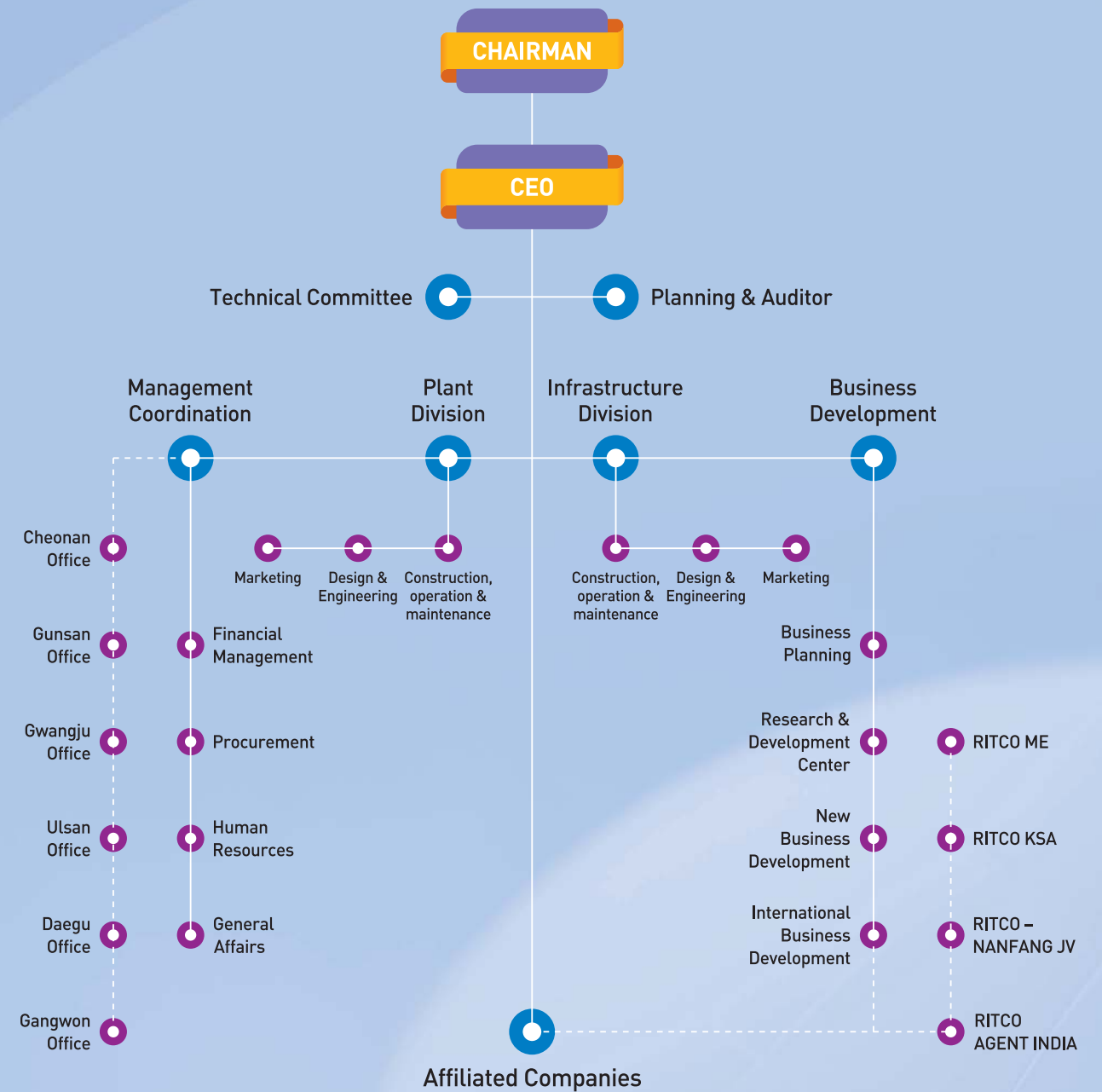


**SISTER COMPANIES**

- UHS Global
- E&S Global
- Hyochun

**SUBSIDIARY COMPANIES & JV**

- RITCO-Nanfang-JV
- RITCO ME
- RITCO KSA



## BUSINESS AREA



### GREEN

Air Purification, Emission Monitoring & Gas Flow Metering, Maritime, Automated Waste Collection System, Water Treatment System, HVAC System

### SAFETY

Fire Detection & Fire Fighting, RWIS & Anti Icing, AID, CCTV, Gas and Liquid Leakage Detection System, Safety Doors, PSD, ITS, Security System

### CONSTRUCTION

Electrical & Mechanical Construction, Fire Fighting Construction, IT & Communication Construction, Architecture & Civil (Tunnel) Construction

### TOTAL SOLUTION

EPC(Engineering, Procurement, Construction), System Integration, SCADA, Commissioning and O&M Services, etc

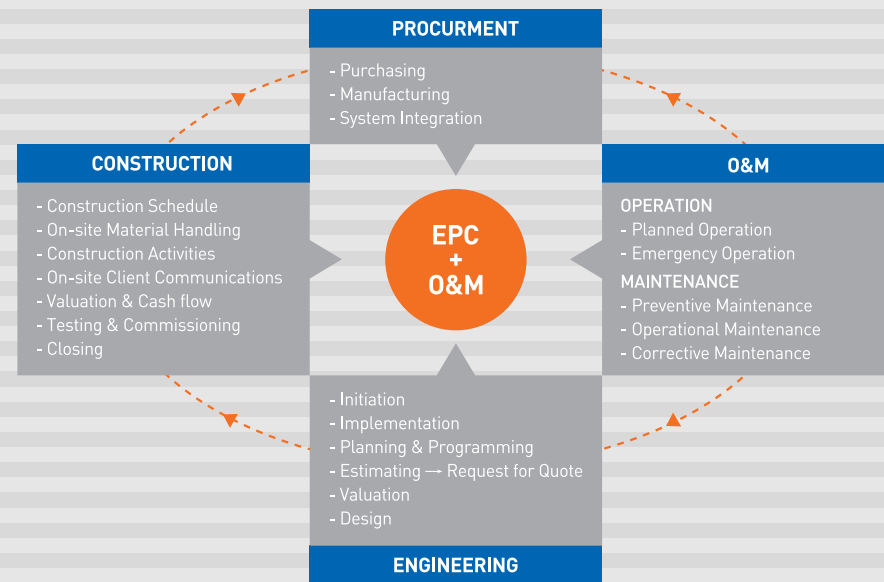
### RENEWABLE ENERGY

Photovoltaic Power Plant, Solar Cooling and Heating System

### GLOBAL BRANCHES

South America, North Africa, Asia, Middle East

## RITCO as an EPC Contractor



RITCO's endeavor towards excellence in construction quality, safety, performance, and employee satisfaction has enabled it to be trusted and sought after Manufacturing, Engineering, Procurement, Construction, Operations & Maintenance and Project Management company.








RITCO has consistently delivered projects, providing value-added engineering, construction and service skills to customers for whom the quality of execution, efficiency and reliability are critical.



Business	Systems	Application Field
System Integration (Electrical & Mechanical)		<ul style="list-style-type: none"> <li>- Water Management Integration System</li> <li>- Sewage integration System</li> <li>- Quality TMS</li> <li>- ITS Integration System</li> <li>- Existing Facility System Integration</li> <li>- Buildings(Commercial &amp; Industrial)</li> </ul>
SCADA Systems for Infrastructure Facilities		<ul style="list-style-type: none"> <li>- Road, Railway &amp; Metro Tunnels</li> <li>- Airport, Railway Stations</li> <li>- Water Treatment</li> <li>- Power Plant</li> <li>- Commercial Building</li> <li>- Industrial Plant</li> </ul>
Programmable logic controller		<ul style="list-style-type: none"> <li>- Process Automation</li> <li>- Industrial process</li> <li>- Automotive industry</li> <li>- Automatic control systems</li> </ul>
Automatic Control System		<ul style="list-style-type: none"> <li>- Road, Railway &amp; Metro Tunnels</li> <li>- Airport, Railway Stations</li> <li>- Water Treatment</li> <li>- Power Generation</li> <li>- Industrial Process</li> <li>- Buildings</li> </ul>
Emission and Process Gas Monitoring System		<ul style="list-style-type: none"> <li>- Incinerating process</li> <li>- Power plant and Industrial plants</li> <li>- Chemical and Cement plants</li> <li>- Boiler burner control systems</li> <li>- Steel plants</li> <li>- EP, FGD, SCR Controls</li> </ul>
Gas Flow Monitoring System		<ul style="list-style-type: none"> <li>- Incinerating process</li> <li>- Power plant and Industrial plants</li> <li>- Chemical and Cement plants</li> <li>- Boiler burner control systems</li> <li>- Steel plants</li> <li>- EP, FGD, SCR Controls</li> </ul>
Maritime Gas Analyzer System		<ul style="list-style-type: none"> <li>- Combustion Engine</li> <li>- Power Plant for HFO, Dual&amp;Tri Fuel</li> <li>- Drilling Rigs</li> <li>- Off-shore Plant</li> <li>- De-NOx &amp; SOx Control</li> </ul>



BUSINESS AREA

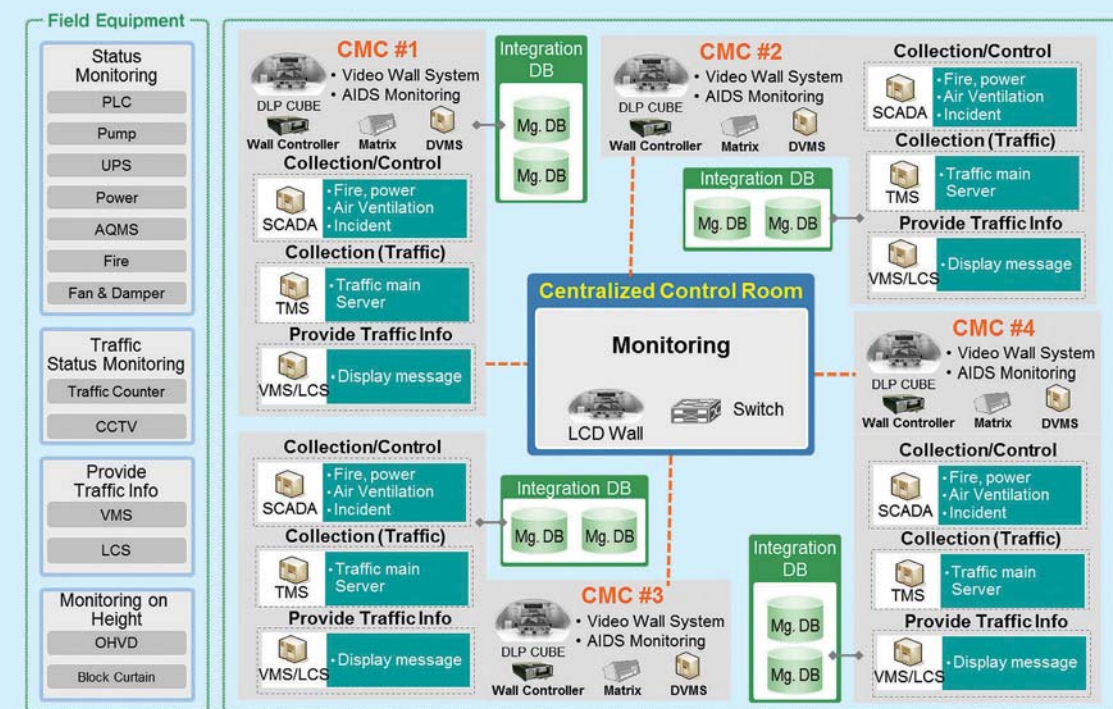
Business	Systems	Application Field
Air Purification : Electrostatic Precipitation System		- Road & Metro tunnels, Stations - Underground facilities - Mining Plant - High-rise buildings
Ventilation Systems		- Buildings - Road & Railroad Tunnels - Underground Facilities - Industrial Plants
RWIS & Anti-Icing System		- Road, Underpass - Tunnel Entrance & Exit - Interchange UP/Down Ramp
HVAC System		- Road tunnels - Underground facilities - Railroad tunnels - Metro Stations - Industrial & Commercial Buildings
Automatic Incident Detection and Traffic Control System		- Road tunnels - Crossroads - Highways
Fire Detection & Alarm System		- Road Tunnels & Metro Stations - Underground Facilities - Train Cabins, Plants, Logistics, Museum - Airport & High Rise Buildings - Buildings(Commercial & Industrial)
Fire Fighting System		- Road Tunnels & Metro Stations - Underground Facilities - Train Cabins - Buildings(Commercial & Industrial) - Airports

Business	Systems	Application Field
Emergency Alarm & Communication - Paging - Call - Radio- Rebroadcasting		- Road tunnels - Metro tunnel & Stations - Underground facilities - Electrical Room - Tele-communication Center
Tunnel Lighting & Luminance Control Systems		- Road tunnels - Railroad tunnels - Underground facilities
Safety Doors		- Road Tunnels - Metro Tunnels - Oil & Gas Plant
Security System		- Road & Railway tunnels - Underground facilities - Industrial & Commercial Buildings
TBM Engineering/ Procurement		- Traffic Tunnels - Utility Tunnels - Mine Tunnels
Platform Screen Door (PSD)		- Metro stations & Railroad tunnels - Underground facilities - Tram Stations - Advertising Business in metro stations
Photovoltaic Power Plant		- Industry - Household - Remote Settlements



BUSINESS AREA

Business	Systems	Application Field
Solar Heating and Cooling System		- Industry - Household
Lighting System		- Road Lighting - Industrial Lighting - Landscape Lighting - Commercial and Office Lighting
Architectural & Civil Construction		- Roads, bridges, railroads - Underground facilities - Harbors - Sewage - Temporary Camps - Industrial & Commercial Buildings - Apartments
Intelligent Transportation System		-Roads -Crossroads -Highways & Ramps -Tunnels
Automated Waste Collection System		- Apartments - Hospitals - Hotels - Business Centers
Pipeline Leak Detection System		- Sewage Pipelines - Oil Pipelines - Gas Pipelines
Operation & Maintenance Works		- Roads - Tunnels - Metro Stations - Industrial plants - Industrial and Commercial Buildings



SYSTEM INTEGRATION (ELECTRICAL & MECHANICAL)

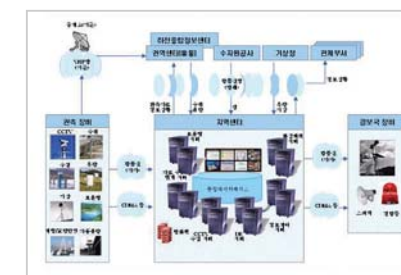
As an example of Integrated solution, RITCO was involved in "Korea Four Major Rivers Restoration Project" providing differentiated services to customers using new IT technology and specialized solution on water treatment, environment management, small scale hydro power generation, water quality TMS, flood warning, water level monitoring and lighting & electric control for the dam facilities.

Application Field

- Water management Integration system
- Sewage integration system
- Water quality TMS
- ITS integration system
- Existing facility system Integration
- Buildings(Commercial & Industrial)

Key features

- Fully integrated solution
- Customized solution





BUSINESS AREA



**SCADA SYSTEMS FOR INFRASTRUCTURE FACILITIES**

Through its Integrated SCADA RITCO offers a centralized combined control and process management system applicable to a wide range of facilities, from road and transportation infrastructure to industrial process facilities. Through its know-how and control of the complete chain from the actual sensors to the Man-Machine-Interface, RITCO is able to provide a tailored solution for total supervision and operation systems.

**Application Field**

- Road, Railway & Metro Tunnels
- Airport, Railway Stations
- Water Treatment
- Power Plant
- Industrial Plant
- Commercial Building

**Key features**

- Flexible and adaptive design
- Totally integrated solution



**PROGRAMMABLE LOGIC CONTROLLER**

Programmable logic controller (PLC) is a general-purpose control device that automatically controls machinery, facilities and assembly lines by user defined programs. It also has a variety of communication functions for sequence, motion and process control. System is conveniently analyzed using Operation history, Error history, System History. Ring configuration prevents a line disconnection error. Network monitoring, Protocol monitoring, Error channel monitoring via flag, Graphic display for the system configuration, Safe module exchange via Wizard provide smooth and efficient system operation.

**Application Field**

- Process Automation
- Industrial process
- Automotive industry
- Automatic control systems

**Key features**

- High performance
- Easy expansion installation using network
- Variety of input and output module
- Enhanced analog function





BUSINESS AREA



**AUTOMATIC CONTROL SYSTEM**

A Central Control Apparatus, UB-NET Plus System is an intelligent building system comprehensively control and manage HVAC, electric power, lighting and VAV facilities of buildings. As a system designed for convenient and simple operation along with pleasant indoor environment formation and energy savings for medium and large sized buildings, the system is proud of solid architecture. UB-NET Plus System exerts capacity that cannot be comparable with other systems in flexibility, compatibility and extendibility.

**Application Field**

- Road, Railway & Metro Tunnels
- Airport, Railway Stations
- Water Treatment
- Power Generation
- Industrial Process
- Buildings

**Key features**

- Touch function
- Graphic interface
- Real time monitoring



**EMISSION AND PROCESS GAS MONITORING SYSTEMS**

RITCO's integrated solution for Process Gas Monitoring combines state of the art sensors and tailored control systems. It provides continuous monitoring and management for:

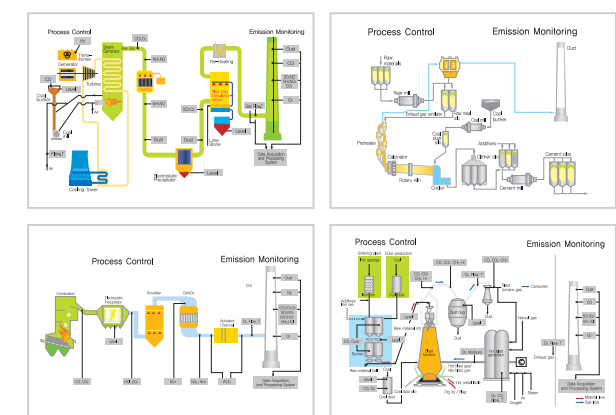
- Emission data from combustion plants
- Emission and operating data display
- Remote transfer of emission data to the authorities
- Integration of emission data in existing process management systems and networks

**Application Field**

- Incinerating process
- Power plant and Industrial plants
- Chemical and Cement plants
- Boiler burner control systems
- Steel plants
- EP, FGD, SCR controls

**Key features**

- Pollution control and reduction
- Process optimization
- Compliance with environmental regulations





BUSINESS AREA



**GAS FLOW MONITORING SYSTEMS**

With diverse gas flow measuring devices RITCO provides solutions for a wide variety of measuring tasks - from calculating volume flows in processes, custody transfer applications in natural gas industry, environmental monitoring of plants, on test stands in automotive industry and many others.

**Application Field**

- Gas Pipe Line(In-let, Out-let)
- Power plant and Industrial plants
- Chemical and Cement plants
- Boiler burner control systems
- Steel plants, Flare Stack

**Key features**

- High accuracy by Multi Ultrasonic Sensors
- Compliance with environmental regulations
- Process optimization

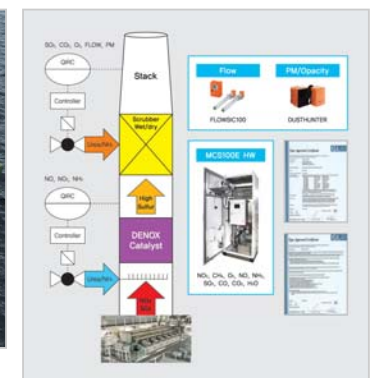


**MARITIME GAS ANALYZER SYSTEM**

The International Maritime Organization (IMO) is enforcing new regulations in order to reduce emissions. Although scrubbers and catalyzers are able to reduce SO2 and NOx emissions, even the best cleaning process is worthless without emission monitoring that is 100% reliable. RITCO is providing assistance with proven measuring technology.

**Application Field**

- Combustion Engines
- Power plant HFO, Dual & Tri-Fuel
- Drilling Rigs
- Off shore plants
- SOx, DeNOx control



**Key features**

- Cost Saving Analyzer System(Multi components)
- Compliance with environmental regulations(ECA, IMO, NOx Tire III)



BUSINESS AREA



**AIR PURIFICATION : ELECTROSTATIC PRECIPITATION SYSTEM**

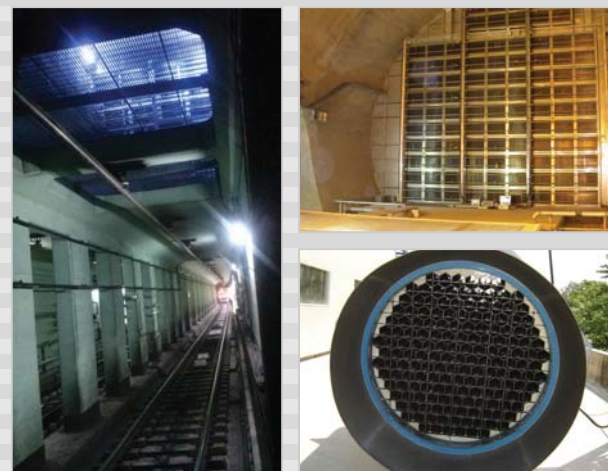
The Patented Honeycomb Electrostatic Precipitator(ESP) is a particle collection device that removes particles from polluted air using an induced electrostatic field. ESP is a highly efficient filtration device reaching more than 90% efficiency for particles as small as PM2.5 (2.5 micrometers).

**Application Field**

- Road & Metro tunnels, Stations
- Underground facilities
- Mining Plant
- High-rise buildings

**Key features**

- High efficiency rate
- Applicable to high velocity air flow
- Applicable for smoke reduction in case of fire



**VENTILATION SYSTEMS**

RITCO is a well developed and high-tech enterprise specialize in design and manufacture of Ventilation Systems including Axial Fans, Jet Fans, Air Handling Units and Dampers for general exhaust, cooling and other fire control applications in order to develop high-tech products that enhanced the product design, performance, quality and technology to bridge the international market requirements.

**Application Field**

- Buildings
- Road & Railroad tunnels
- Underground facilities
- Industrial plants

**Key features**

- More than 900 standardized and 100 nonstandard product samples
- Quality base with affordable price





BUSINESS AREA



**ROAD WEATHER INFORMATION SYSTEM & ANTI-ICING SYSTEM**

RITCO's Road Weather Information System and Anti-Icing System, is an automated system for spraying anti-freezing mixture based on weather conditions and road surface temperature. Connected to RITCO'S SCADA system, it forms part of the integrated road tunnel solution.

**Application Field**

- Road, Underpass
- Tunnel Entrance & Exit
- Interchange UP/Down Ramp

**Key features**

- Increase road safety level on critical infrastructure
- Reduce costs related to Risk and Crises management



**HVAC SYSTEM**

RITCO's integrated HVAC System allows for real-time management of tunnel ventilation based on data from dedicated sensors of airborne pollution(CO and NO gas), visibility, wind speed and direction and external weather conditions.

**Application Field**

- Road tunnels
- Underground facilities
- Railroad tunnels
- Metro Stations
- Industrial & Commercial Buildings

**Key features**

- Increase users air quality environment
- Allow for energy savings
- Include emergency mode for dealing with fire situation





BUSINESS AREA



### AUTOMATIC INCIDENT DETECTION AND TRAFFIC CONTROL SYSTEM

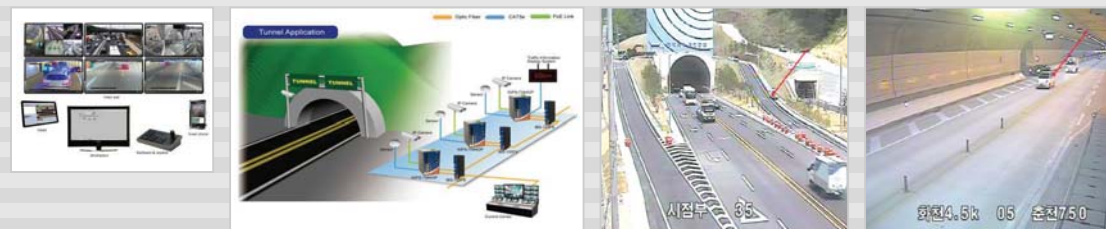
RITCO's video based Automatic Incident Detection system is a state of the art solution for managing the ever growing number of CCTV cameras on all types of infrastructure. Video based incident detection is experienced in tunnel refurbishment projects. It allows for early and reliable detection of accident, stop of vehicle, fire, debris, traffic congestion, traffic data.

**Application Field**

- Road tunnels
- Crossroads
- Highways

**Key features**

- Fast & Reliable incident management
- Fully integrated with tunnel SCADA system
- Include Video recording and video management solution



### FIRE DETECTION & ALARM SYSTEMS

RITCO has developed a high efficiency Fire Detection System using:

- Semi-conductor sensors
- Aspirating smoke detector
- Copper tube linear heat detector sensors
- Fiber optic sensors

Interlocked with water mist fire extinguishing devices. it provides a state of the art fire fighting solution applicable to a wide range of environments.

**Application Field**

- Road tunnels & Metro Stations
- Underground Facilities
- Train cabins, Plants, Logistics, Museum
- Airport & High rise buildings
- Buildings(Commercial & Industrial)

**Key features**

- Allow for early detection
- Can combine several detection mechanisms





BUSINESS AREA



**FIRE FIGHTING SYSTEM**

(WATER MIST SPRAYING SYSTEM, DELUGE SYSTEM, HYDRANT SYSTEM)

A specially-designed main nozzle of the Water mist enables it to shoot out high pressured water in the form of mist, cuts off the oxygen supply very quickly from fires; thus, it is far more efficient than any ordinary fire extinguishers that exist.

Very fine mist particles minimize usual damages that are caused by water itself, and the amount of water needed to put off fires is less than one-tenth of ordinary sprinklers. The Water mist is also eco-friendly because it uses incredibly low level of chemicals to put off fires.



**Application Field**

- Road tunnels & Metro Stations
- Underground facilities
- Train cabins
- Buildings
- Airports

**Key features**

- Minimal Damages
- Low level of chemicals
- High fire suppression abilities
- Huge surface area of covering



**EMERGENCY ALARM & COMMUNICATION**

(PAGING, CALL, RADIO-REBROADCASTING)

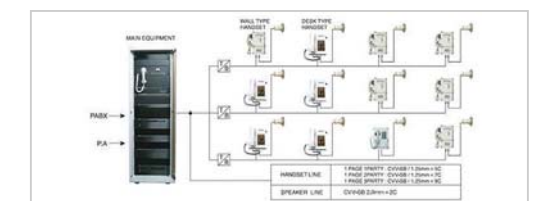
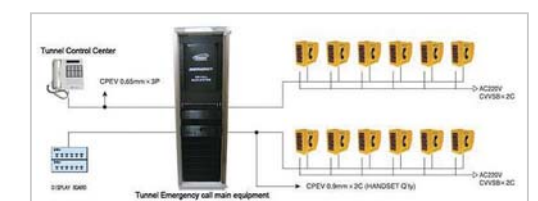
Telecommunication ability is a key factor in Crisis management. RITCO'S Emergency Alarm & Communication System is therefore a central component of any tunnel and underground facility management. It allows for two ways communications through fixed emergency phone network and as well as radio and mobile phone rebroadcasting systems within the underground facility.

**Application Field**

- Road tunnels
- Metro tunnel & Stations
- Underground facilities
- Electrical Room
- Tele-communication Center

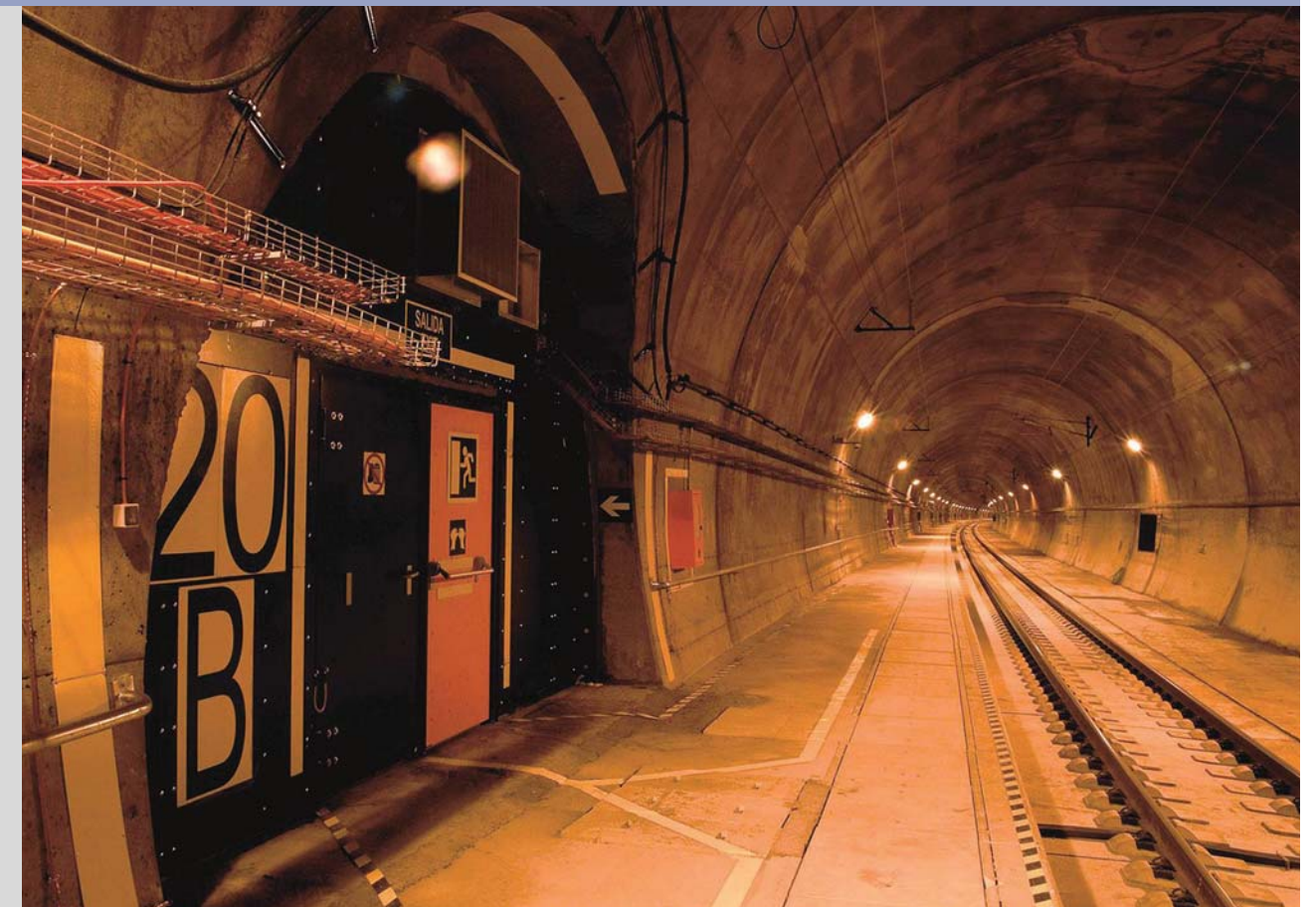
**Key features**

- Create channels for emergency message broadcast
- Communication access to any point of the facility





BUSINESS AREA



**TUNNEL LIGHTING & LUMINANCE CONTROL SYSTEMS**

Following the requirements of the International Commission of Illumination(CIE) RITCO has designed a Tunnel Lighting & Luminance Control System based on the latest technology in terms of Luminance sensor and lighting control for road tunnels and underground facilities.

**Application Field**

- Road tunnels
- Railroad tunnels
- Underground facilities

**Key features**

- 8 different Luminance Levels depending on intensity of natural light



**SAFETY DOORS**

RITCO offers fire doors, gates and walls; smoke protection doors, bulkhead doors, sound insulating doors, bullet resistant doors and burglary resistant doors all manufactured in Europe in accordance with relevant international standards.

**Application Field**

- Road Tunnels
- Metro Tunnels
- Oil & Gas Plant

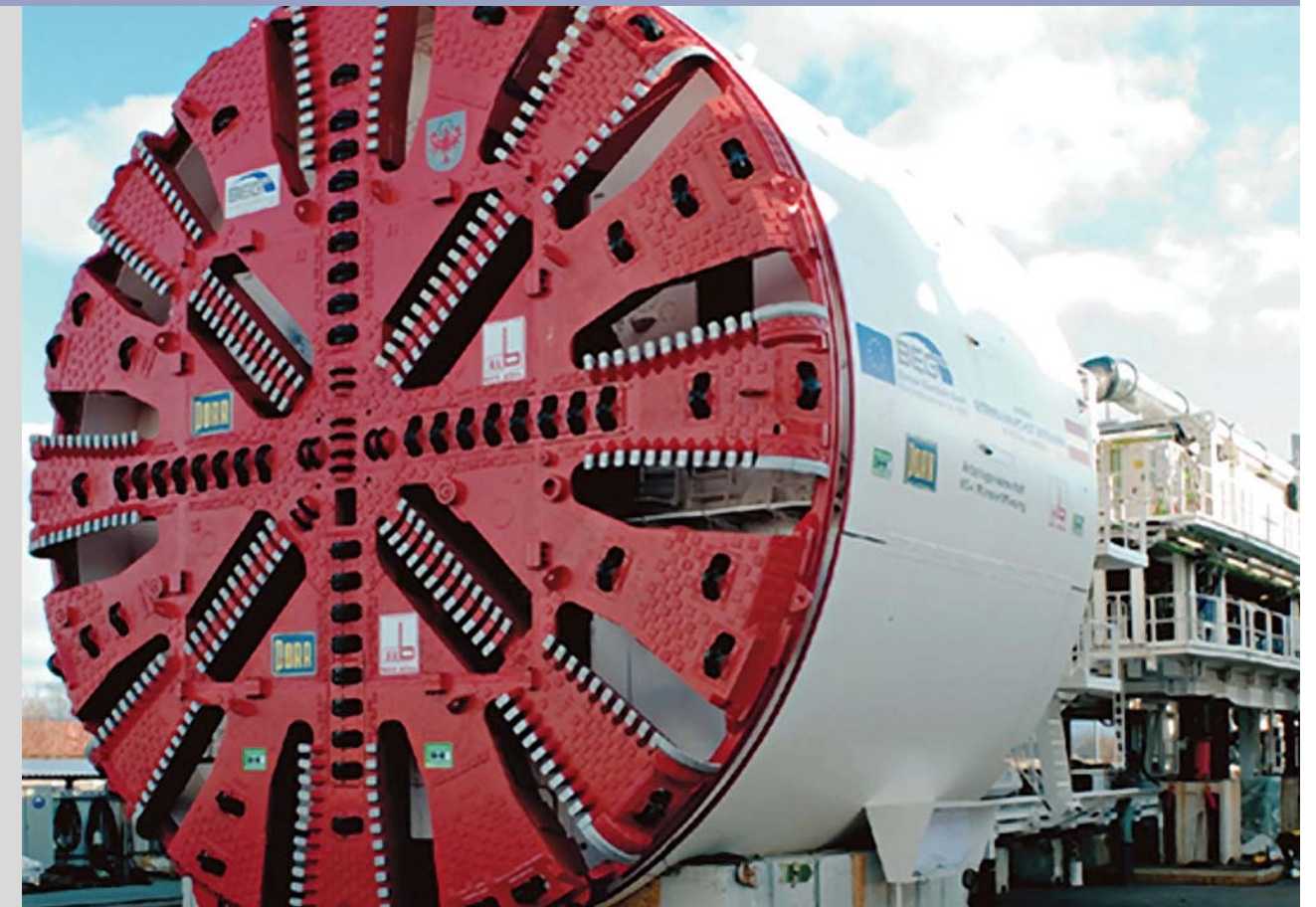
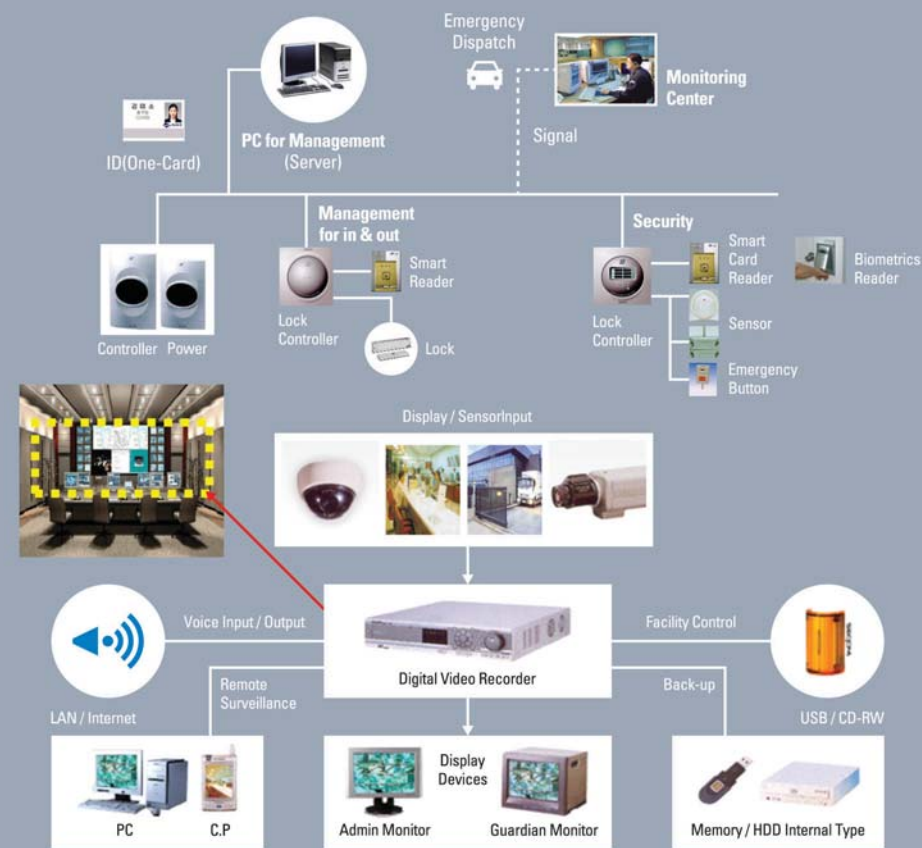
**Key features**

- Fire and Smoke Protection
- Burglary-Resistant
- Explosion Protection
- Bullet Resistant
- Radiation Protection
- Flood Protection
- Sound Protection
- Earthquake Protection
- Blast Resistant
- Air Permeability
- HPEM Protection





BUSINESS AREA



SECURITY SYSTEM

In the fields of physical security and information security, Security System is to be installed in order to provide selective restriction of access to a special zone or other resource. The main purpose of the system is to avoid unauthorized entry in security sensitive areas and to provide intrusion detection through CCTV system.

Application Field

- Road & Railway tunnels
- Underground facilities
- Industrial & Commercial Buildings



Key features

- Anti-tailgating
- Operating with emergency status
- Real-time incident assessment
- Permanent digital video recording



TBM ENGINEERING/PROCUREMENT

Recently, the application of High-Power mechanized tunnelling has been expanded around the world. Especially, in the composite and jointed very poor rock masses, the powerful High-power shielded TBM machines are showing successful results. Great success of this modern TBM in difficult rock conditions is based on the development of machine power, strong cutter developments, and also developed assessment technology of the extensive site investigations.

Due to blasting vibrations and ground-borne noises, mechanized tunnelling will be more and more important particularly in city areas. RITCO offers TBM machine specification designs, TBM procurement services, and PC segment procurement services, and also professional Tunnelling Engineering Works including PMC, Engineering, Construction, Supervision, Procurement, and Research works.

Application Field

- Traffic Tunnels
- Utility Tunnels
- Mine Tunnels





BUSINESS AREA



**PLATFORM SCREEN DOORS (PSD)**

Platform Screen Doors (PSD) are safety devices which separating railroad sections of subway or light rail transit from platform sections in order to secure the safety of passengers. This door system manages door open/close status by recognizing railcars when they are stopping at the registered position.

**Application Field**

- Metro stations & Railroad tunnels
- Underground facilities
- Tram Stations
- Advertising Business in metro stations

**Key features**

- Passenger's Safety
- Improvement of comfort at platforms
- Air-conditioning Improvement
- Energy Saving



**PHOTOVOLTAIC POWER PLANT**

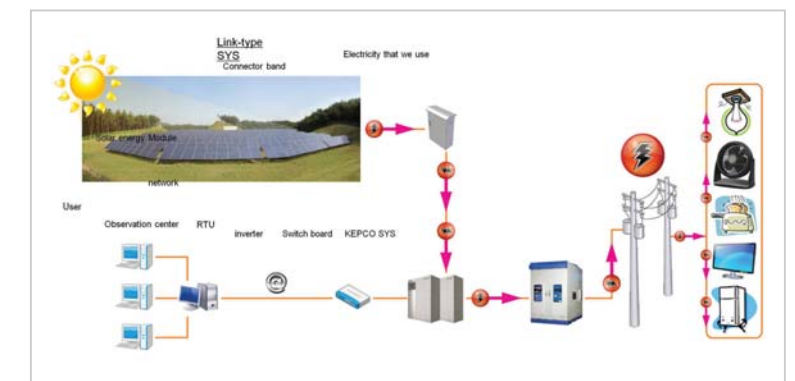
Photovoltaic Power Station or Solar Park, is a large-scale photovoltaic system(PV) designed for the supply of merchant power into the electricity grid. Solar parks use ground mounted arrays that can either be fixed tilt or tracking, either single axis or dual axis. The performance of a photovoltaic power plant depends on climatic conditions of installation place, the equipment used and the system configuration.

**Application Field**

- Household
- Industrial facilities
- Remote settlements

**Key features**

- Renewable energy use
- Eco-friendly system
- Effective energy supply





BUSINESS AREA



**SOLAR HEATING AND COOLING SYSTEM**

Combining its experience in electro-mechanical facilities management with its goal of having an impact on the Sustainable Development and Renewable Energy business, RITCO has established a know-how in supplying Solar energy facilities - a solar heat energy system for Cooling, Heating and Hot Water Supply by integrating a system using double vacuum tubes. The system which operates with the preexistence boiler absorbing the heat energy of the sun through the thermos phoning air panel and the existing after store is the heat where it absorbs installed in the thermal storage tank and uses a heating and cooling warm water.

**Application Field**

- Industrial
- House hold

**Key features**

- Air Conditioning
- Heating
- Hot water



**LIGHTING SYSTEM**

RITCO provides various range of Lighting Systems including environment-friendly modern LED Lighting, power saving Ultra Constant Discharge(UCD) Lighting, Fluorescent Lighting and Sodium Lighting, which can be applied for different areas. New technologies contribute to the cost and energy saving.

**Application Field**

- Road Lighting
- Industrial Lighting
- Landscape Lighting
- Commercial and Office Lighting

**Key features**

- Energy-saving, long lifetime and environment-friendly (LED & UCD)
- Operating range - 60 ~ 65(UCD)
- Best color rendering and 8 wavelength visibility(UCD)





BUSINESS AREA



ARCHITECTURAL & CIVIL CONSTRUCTION

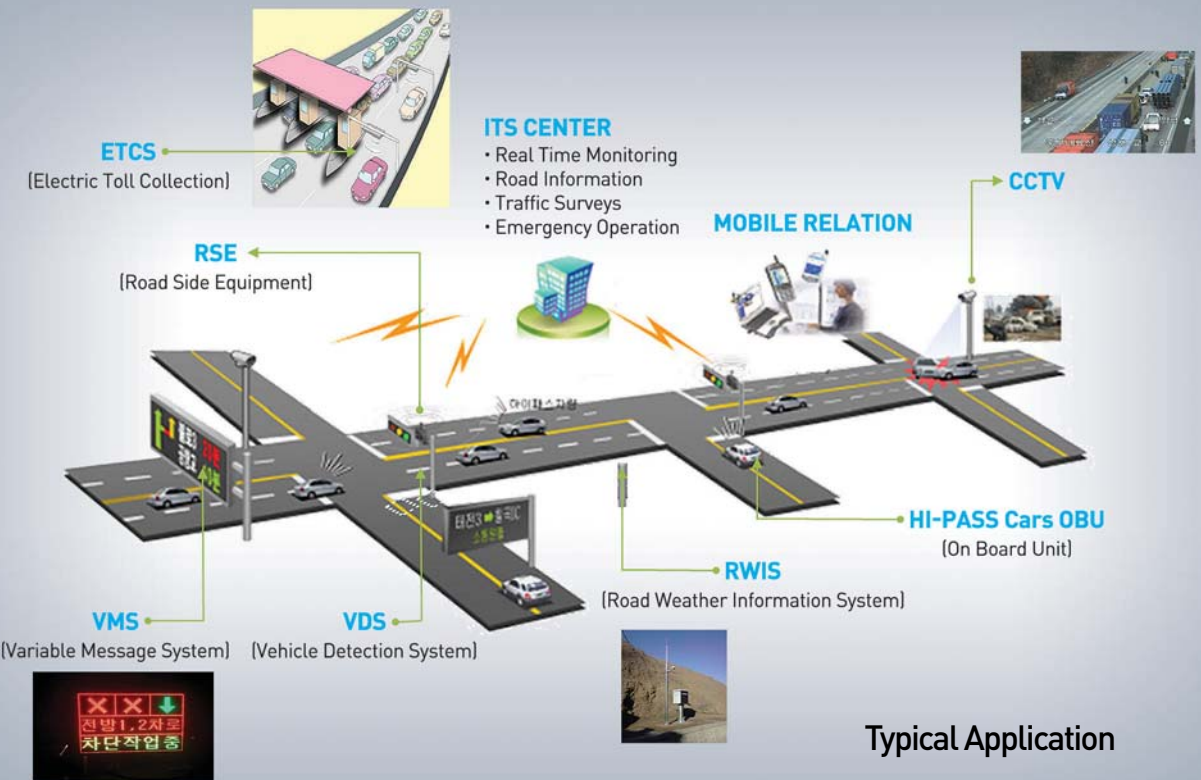


Civil Construction Area

- Roads, railroads and bridges
- Underground facilities
- Harbors
- Sewage

Architectural Construction

- Temporary Camps
- Industrial & Commercial Buildings
- Apartments



INTELLIGENT TRANSPORTATION SYSTEM

Intelligent Transportation System (ITS) is advanced application which, without embodying intelligence as such, aim to provide innovative services relating to different modes of transport and traffic management and enable various users to be better informed and make safer, more coordinated, and 'smarter' use of transport networks.

Application Field

- Roads
- Crossroads
- Highways & Ramps
- Tunnels

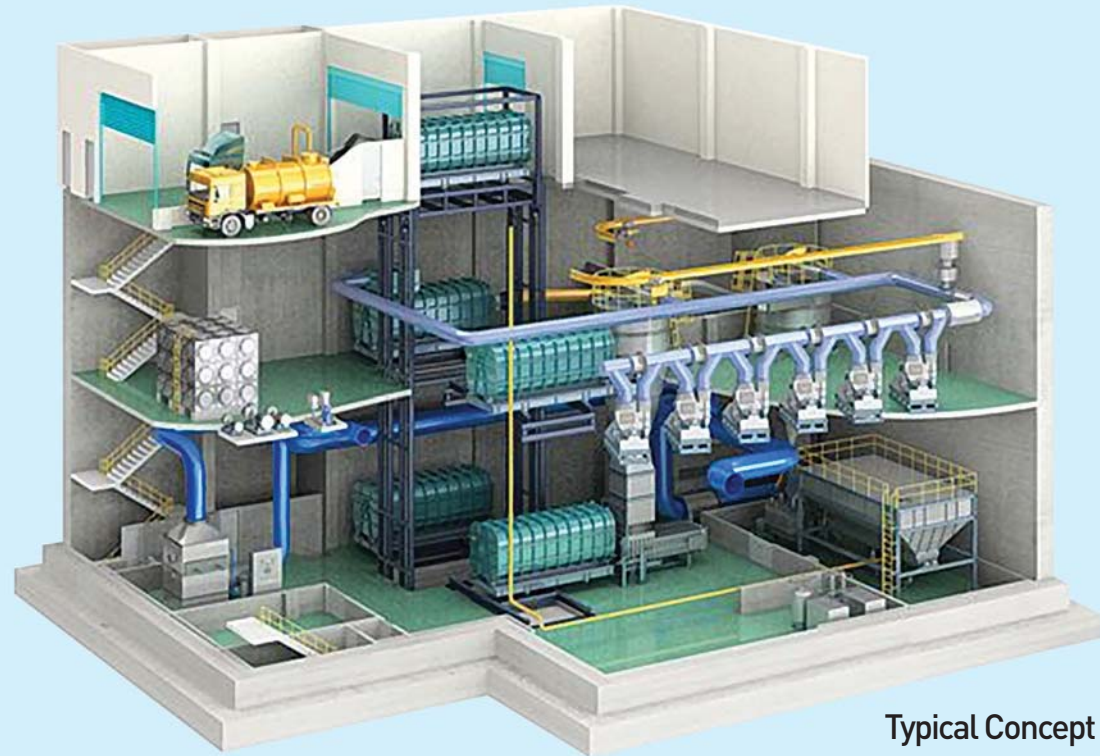
Key features

- Incident management
- Basic information of transportations
- Automatic Traffic Control
- Traffic Volume management
- Transport Management and liaison information
- Increase vehicle and road safety





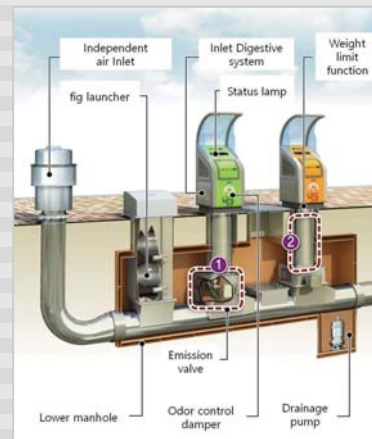
BUSINESS AREA



Typical Concept

**AUTOMATED WASTE COLLECTION SYSTEM**

RITCO integrates best available configuration of Automatic Waste Collection System on basis of rational energy utilization, CO concentration reduction, maximized solar energy, most reliable and advanced technology implementation through RF key and RF EAS recognition, motor operated drive systems, inlet chute hot wires, section valves, pipe switches, main and supportive pipelines, blockage removal robot, air shock, river crossing, operative maintenance, fully automated control and monitoring systems, retaining user-friendly environment.



**Application Field**

- Apartments
- Hospitals
- Hotels
- Business Centers

**Key features**

- Convenience and Comfort
- Remote Control and Monitoring
- Eco-Friendly
- Space Saving



**PIPELINE LEAK DETECTION SYSTEM**

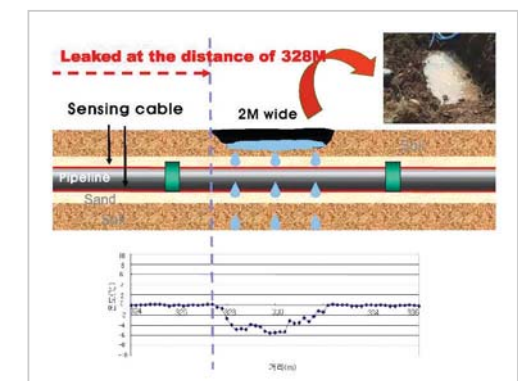
Pipeline Leak Detection System is based on the temperature compensation method of BOTDR Strain Monitoring System, grounded on Raman Optical Time Domain Reflectometer(ROTDR), aiming at temperature strain coupling effects of Brillouin Optical Time Domain Reflectometer (BOTDR) strain monitoring technology. BOTDR Technique which has been developed for the continuous measurement of strain distribution with fiber optic sensors, which is used for both sensing and data transmission.

**Application Field**

- Sewage Pipelines
- Oil & Gas Pipelines

**Key features**

- Accurate Detection
- Superior in Estimating the Distribution of Stresses
- Excellent Monitoring Tool for a Large-scale Infrastructures





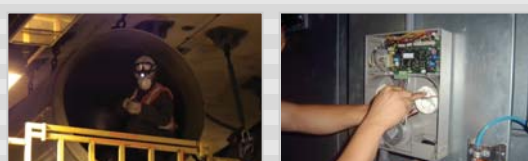
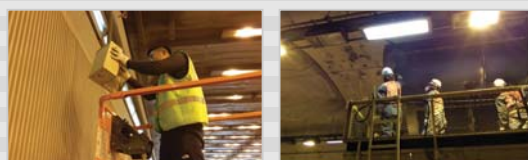
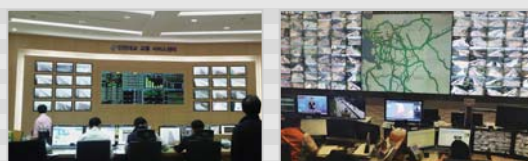


## OPERATION & MAINTENANCE WORKS

As an experienced supplier of electromechanical systems, RITCO offers high level of Operation and Maintenance(O&M) Services, which allows run all the systems in a safe and most economical manner. With more than 1,000 completed O&M projects in different areas RITCO is an expert in minimizing risks and maximizing Client's profit.

**RITCO's expertise area includes O&M Services of :**

- Roads
- Metro Stations
- Tunnels
- Industrial plants
- Industrial and Commercial Buildings, etc.



## Domestic Patents

No	Type	Registered Date	Name of Invention	Approval Date	Patent Number
1	Patent	03 Sep 1999	Tunnel environment metering, Fire detection & Lighting control system	02 Jul 2002	10-0344267
2	Patent	04 Apr 2000	Fire detection alert system on road & railway tunnel	14 Apr 2005	10-0485048
3	Patent	20 Dec 2000	Forecast on pollution level and visible distance in longitudinal tunnel and maintenance solution using the above data	20 Oct 2003	10-0403866
4	Patent	16 Sep 2002	Snow removal liquid sprayer for road anti-icing	22 Dec 2004	10-0464356
5	Patent	12 Sep 2005	Automatic Incident Detection System	27 Feb 2007	10-0690279
6	Patent	22 Dec 2005	Electrostatic precipitator using induced voltage	28 May 2007	10-0724556
7	Patent	05 Apr 2006	Variable induction lamp control system and variable induction lamp	24 Mar 2008	10-0817919
8	Patent	05 Apr 2006	Tunnel fire disaster prevention system and subway station with passenger evacuation route guidance function	28 Sep 2007	10-0763823
9	Patent	10 Oct 2006	Subway platform air cleaning and ventilation system	11 Dec 2006	10-0658822
10	Patent	27 Aug 2007	High speed tunnel fan with electrostatic precipitator	30 Nov 2007	10-0782878
11	Patent	27 Aug 2007	Bi-directional electrostatic precipitator with dust collecting tube which is wrinkled on the inner diameter surface	21 Mar 2008	10-0817595
12	Patent	16 Nov 2007	Electrostatic precipitator with cleaner	24 Jul 2008	10-0849416
13	Patent	10 Mar 2009	Roof type electrostatic precipitator	13 Aug 2009	10-0913117
14	Patent	26 Feb 2010	Fine tunneling snow removal liquid spray with 180degree turns	31 Aug 2010	10-0980361
15	Patent	16 Feb 2009	Non-powered Air Filtering Apparatus using Cyclone Structure	03 Nov 2011	10-1082023
16	Patent	07 May 2010	Electrostatic precipitator of induced voltage with a multi-cross pin ionizer	31 Aug 2012	10-1180035
17	Patent	04 Jun 2010	Electrostatic precipitator comprising a honeycomb dust collecting unit having a multi-spiral pin ionizer	30 Aug 2012	10-1180038
18	Patent	04 Jun 2010	Composite cleaning device for cleaning the electrostatic precipitator	30 Jul 2012	10-1170935
19	Patent	04 Nov 2011	Bi-directional induced voltage electrostatic filter with a honeycomb charging section	02 Nov 2012	10-1199552
20	Patent	04 Nov 2011	Induced voltage electrostatic precipitator with a multi-cross pin ionizer	02 Nov 2012	10-1199554
21	Patent	20 Jun 2011	Removing smoke device	13 May 2013	10-1265585
22	Patent	28 Apr 2011	Snow removal liquid injection system block boundary, including snow removal and this liquid injection boundary block	26 Jun 2013	10-1280979
23	Patent	14 Sep 2011	Bi-directional induced voltage electrostatic precipitator using multi cross pin ionizer	12 Jul 2013	10-1287913
24	Patent	14 Sep 2011	Bi-directional induced voltage electrostatic filter with a honeycomb charging section	12 Jul 2013	10-1287915
25	Patent	14 Dec 2010	A the dust reduction system which uses a nothing power cyclone method	02 Jan 2013	10-1219406
26	Patent	07 Dec 2011	Set-type high-efficiency electrostatic precipitation system for air-purifying underground facilities	22 Oct 2013	10-1322886
27	Patent	07 Nov 2013	Underground facility air conditioner air cleaning filter with a reduced function of nitrogen oxide	18 Feb 2014	10-1366597
28	Patent	20 Dec 2013	Dust collecting speed fan tunnel with self-cleaning electric filter	29 May 2014	10-1404056
29	Patent	26 Sep 2014	Tunnel air purification system mounted at the exit of the tunnel	30 Mar 2015	10-1508661
30	Patent	25 Apr 2013	Harmful gas removal device to remove harmful gases at room temperature using induced voltage and plasma and catalyst	19 May 2015	10-1522902

## International Patents

No	Name of Invention	Country of Patent Issuance	Name of Authority	Patent No	Issue Date
1	High Speed Tunnel Fan With Electrostatic Filter	USA	The Director of the United States Patent and Trademark Office	US7,824,476 B2	02. 11. 2010
2	High Speed Tunnel Fan With Electrostatic Filter	Singapore	The Registry of Patents Singapore	159269[WO 20091028771]	30. 06. 2010
3	High Speed Tunnel Fan With Electrostatic Filter	China	The patent office of China	ZL 2008 1 0006907.3	29. 06. 2011
4	High Speed Tunnel Fan With Electrostatic Filter	Japan	Commissioner, Japan patent Office	4824045	16. 09. 2011

## Patents to be Obtained

No	Name of Invention	Country of Patent Issuance	Name of Authority	Application No	Application Date
1	Bi-Directional Dust Collection System	China	State Intellectual Property Office of China	201410842800.8	31. 12. 2014
2	Design Method of Fine Dust Filtering System for Large Underground Electric Facility using Induced Voltage Electrostatic Precipitating Apparatus	China	State Intellectual Property Office of China	PCT/KR2014/000895	02. 03. 2014
3	Induction Voltage Electrical Precipitator having Honeycomb Electric Charge Part	China	State Intellectual Property Office of China	PCT/KR2012/001033	10. 02. 2012



R&D

SUBJECT	CONDUCTED BY	RESEARCH INSTITUTE	STUDY TYPE	PERIOD
Ventilation Method of Tunnel	Korea Institute of Construction Technology	RITCO/Korea Univ.	Joint Study	1999-2000
Automatic Ventilation Control System of Tunnel	Korea Expressway Corporation	RITCO/Kookmin University	Joint Study	2002-2003
Fire Early Detection for Train/Automatic Fire Extinguishing Equipment	Ministry of Land, Infrastructure and Transport	Korea Railroad Research Institute/RITCO	Joint Study	2003-2007
Fire Alarm and Fire Control System for Underground Facilities	National Emergency Management	Korea Institute of Machinery & Materials/RITCO	Joint Study	2003-2007
Network of Road Safety System	Ministry of Land, Infrastructure and Transport	Korea Infrastructure Safety Corporation/RITCO	Joint Study	2003-2008
Bi-directional Communication System in Tunnel	Korea Institute of Construction Technology	Korea Institute of Construction Technology/RITCO	Joint Study	2006-2010
Smoke Control System for Tunnel and Subway Station	Korea Railroad Research Institute	RITCO	Joint Study	2006-2010
Fine Dust Collector for Subway Station	Ministry of Land, Infrastructure and Transport	Korea Railroad Research Institute/RITCO	Joint Study	2007-2011
Anti-icing System for Road	Ministry of Land, Infrastructure and Transport	Korea Expressway Corporation/RITCO	Joint Study	2008-2012
Road Weather Information System of Expressway	Korea Expressway Corporation	Korea Institute of Construction Technology/RITCO	Joint Study	2009-2010
Air Purification System	Seoul Metropolitan Rapid Transit Corporation	RITCO	Managing Department	2009-2010
Bi-directional Fine Dust Collecting System	Small & Medium Business Administration	RITCO	Managing Department	2009-2010
Fine Dust Collector for China Subway Station	Korea Environmental Industry and Technology Institute	RITCO	Managing Department	2011-2012
Harmful Gas and Fine Dust Removal System for Tunnel	Ministry of Land, Infrastructure and Transport	RITCO/Ajou University /Pyunghwa ENG	Joint Study	2011-2014
Development of De-NO2 Filter	Busan Transportation Corporation	RITCO	Joint Study	2013
Electrostatic Precipitator with Jet Fan on China Road Tunnel	Korea Environmental Industry and Technology Institute	RITCO	Managing Department	2013-2014
Fine Dust Collecting System for Subway Ventilation Opening	Small & Medium Business Administration	RITCO	Managing Department	2013-2015
Fine Dust removal train for subway	Korea Agency for Infrastructure Technology Advancement	Seoul Metro/Korea Railroad Research Institute/RITCO/Yonsei University/Kumchun System	Joint Study	2014-2018
The Commercialization of Fine Particulate and Flue Gas Control in Road Tunnel	Ministry of Land, Infrastructure and Transport	RITCO/Ajou University /Pyunghwa ENG	Joint Study	2015-2016

HVAC, Ventilation System

NO	YEAR	OWNER	PROJECT
1	2013	Korea Expressway Corp.	Donghongcheon - Yangyang #15
2	2013	Daejeon regional construction management administration	Yongdu - Dongmyeon
3	2013	Busan regional construction management administration	Gojae - Mupung
4	2013	Korea Expressway Corp.	Ulsan - Pohang #11
5	2013	Busan regional construction management administration	Socheon - Seomyeon #2
6	2013	Chungcheon Bukdo	Sokrisan road
7	2013	Busan regional construction management administration	Gyeongju - Gampo #2
8	2013	Busan regional construction management administration	Gyeongju - Gampo #2 tunnel analyzer
9	2013	Korea Expressway Corp.	Sangju - Veongdeok #11
10	2013	Yongin city	Yongin Sanghyun road
11	2013	Yongin city	Yongin Sanghyun road tunnel analyzer
12	2013	Busan regional construction management administration	Socheon - Seomyeon #1
13	2013	Korea Expressway Corp.	Ulsan - Pohang #3
14	2013	Seoul Metropolitan Government	Yongma - tunnel analyzer
15	2013	Korea Expressway Corp.	Youngdong - Okcheon #1
16	2013	Korea Expressway Corp.	Donghongcheon - Yangyang #11
17	2012	Korea land & housing Corp.	Multifunctional administrative city
18	2012	Korea Expressway Corp.	Hamyang - Ulsan #3 site
19	2012	Korea Expressway Corp.	Hamyang - Ulsan #6 site
20	2012	Korea land & housing Corp.	Incheon Chengna #2 site
21	2012	Iksan regional construction management administration	Muju - Mupung deture
22	2012	Korea Expressway Corp.	Bang Eum tunnel
23	2011	Gangwondo	Rho Gok - Duk San road
24	2011	Iksan regional construction management administration	Mupung tunnel
25	2011	Wonju regional construction management administration	Waseokjae tunnel
26	2011	Seoul belt way	Surak tunnel
27	2011	Korea Expressway Corp.	Sanin tunnel
28	2011	Korea Expressway Corp.	Gyeombaek tunnel
29	2011	Korea Expressway Corp.	Josung 2nd tunnel
30	2011	Korea land & housing Corp.	Bokjeong underpass
31	2011	Korea Expressway Corp.	Motjea tunnel
32	2010	Wonju regional construction management administration	Baehuryung tunnel
33	2010	Korea Expressway Corp.	Masung tunnel
34	2010	Gyeonggido construction office	Koeun tunnel
35	2010	Korea Expressway Corp.	Byulyang 2nd tunnel
36	2010	Daejeon regional construction management administration	Bonggye tunnel
37	2010	Korea Expressway Corp.	Yongwon tunnel
38	2010	Korea Expressway Corp.	Deokjin 1st tunnel



TRACK RECORD

HVAC, Ventilation System

NO	YEAR	OWNER	PROJECT
39	2010	Korea Expressway Corp.	Gwancheon 3rd tunnel
40	2010	Korea Expressway Corp.	Sangkwan 4th tunnel
41	2010	Korea land & housing Corp.	Bobae tunnel
42	2010	Korea Expressway Corp.	Soonsan tunnel
43	2010	Korea land & housing Corp.	Chungra area underpass
44	2010	Korea Expressway Corp.	Osu 2nd tunnel
45	2010	Busan regional construction management administration	Chunseong - Nulcha
46	2010	Iksan regional construction management administration	Sunchang road site meter
47	2010	Wonju regional construction management administration	Pyungchang -Jeongseon meter
48	2010	Yongin city	Sucheon tunnel
49	2010	Busan regional construction management administration	Gimcheon city - detour
50	2010	Korea hydro & nuclear power Co., Ltd.	Wolsung radioactive waste disposal facility site
51	2010	Busan regional construction management administration	Jangyu tunnel
52	2009	Busan Metropolitan city	Geja tunnel
53	2009	Gangwondo	Boraeryung tunnel
54	2009	Seoul regional construction management administration	June tunnel
55	2009	Gyeongsu highway	Saegok tunnel
56	2009	Korea Expressway Corp.	Bukbang 2, 3rd tunnel
57	2009	Busan Metropolitan city	Hambak tunnel
58	2009	Seoul regional construction management administration	Jungwon tunnel
59	2009	Busan Metropolitan city	Dumyoeng tunnel
60	2009	Korea Expressway Corp.	Osu 2nd tunnel
61	2009	Korea Expressway Corp.	Yangji tunnel
62	2009	Yongin city	Sucheon tunnel
63	2009	Changwon city	Jungbyung tunnel
64	2009	Jeollabukdo	Gumji tunnel
65	2009	Seoul regional construction management administration	Sore tunnel
66	2009	Korea Expressway Corp.	Cheonma tunnel
67	2009	Wonju regional construction management administration	Metdunjea tunnel
68	2009	Gyeongsangbukdo	Galryung tunnel
69	2008	Korea Expressway Corp.	Gwangam tunnel
70	2008	Gangbuk district office	Odong tunnel
71	2008	Suncheon city	Bonghwasan tunnel
72	2008	Korea Expressway Corp.	Gumgwang tunnel
73	2007	Korea Expressway Corp.	Whebuk tunnel
74	2007	Public procurement service	Negok tunnel
75	2007	Wonju regional construction management administration	Nonhwa tunnel
76	2007	Korea Expressway Corp.	Ojung tunnel

HVAC, Ventilation System

NO	YEAR	OWNER	PROJECT
77	2007	Korea Expressway Corp.	Muguo tunnel
78	2007	Korea Expressway Corp.	Seobong tunnel
79	2007	Seoul regional construction management	Bekma tunnel
80	2007	Daejeon regional construction management administration	Jeokseok 1, 2nd tunnel
81	2007	Korea Expressway Corp.	Samae 1st tunnel
82	2007	Korea Expressway Corp.	Sangju 2nd tunnel
83	2007	Korea Expressway Corp.	Hwangjeon 1st tunnel + Seomyun 5th tunnel
84	2007	Yeosu city	Marae tunnel
85	2007	Busan regional construction management administration	Shindongjeon tunnel
86	2007	Korea Expressway Corp.	Seomyun 1, 2nd tunnel
87	2006	Daejeon regional construction management administration	Jeokseok tunnel
88	2006	Busan regional construction management administration	Nungdong tunnel
89	2006	Gyeongsangnamdo	Gapo tunnel
90	2006	Gyeongsangnamdo	Yanggok tunnel
91	2006	Daejeon regional construction management administration	Geryoung tunnel
92	2006	Korea Expressway Corp.	Bukbang 1st tunnel + Dongsan 2nd tunnel
93	2006	Busan regional construction management administration	Gimhae tunnel
94	2005	Korea Expressway Corp.	Jangseong tunnel
95	2005	Korea Expressway Corp.	Kosung 1st + 2nd tunnel
96	2005	Gangwondo	Misiryoung tunnel
97	2005	Korea Expressway Corp.	Hado tunnel
98	2005	Korea Expressway Corp.	Sangdong tunnel
99	2005	Korea Expressway Corp.	Surak tunnel
100	2005	Korea Expressway Corp.	Gochang tunnel
101	2004	Korea Expressway Corp.	Nogosan 1st tunnel
102	2004	Korea Expressway Corp.	Imgo tunnel
103	2004	Korea Expressway Corp.	Dasan tunnel
104	2004	Korea Expressway Corp.	Donghea 3rd tunnel
105	2004	Korea Expressway Corp.	Chimgok tunnel
106	2004	Busan regional construction management administration	Bukan tunnel
107	2004	Korea Expressway Corp.	Iwa tunnel
108	2004	Korea Expressway Corp.	Gigea tunnel
109	2004	Gyeongsangnamdo	Boggi tunnel
110	2004	Wonju regional construction management administration	Suin tunnel
111	2004	Wonju regional construction management administration	Ungjin tunnel
112	2004	Korea land & housing Corp.	Bophwa tunnel
113	2003	Wonju regional construction management administration	Saritjea 2nd tunnel
114	2003	Busan regional construction management administration	Gyungju tunnel



TRACK RECORD

HVAC, Ventilation System

NO	YEAR	OWNER	PROJECT
115	2003	Seoul regional construction management	Masuk/Moran tunnel
116	2003	Seoul regional construction management	Mansae tunnel
117	2003	Seoul Metropolitan Government	Umyeonsan tunnel
118	2003	Korea Expressway Corp.	Jangyeon tunnel
119	2003	Korea Expressway Corp.	Yeonpung tunnel
120	2003	Korea Expressway Corp.	Nogosan 2nd tunnel
121	2003	Korea Expressway Corp.	Gakseo tunnel
122	2002	Daejeon regional construction management administration	Bonghwang tunnel
123	2002	Busan regional construction management administration	Saljae tunnel
124	2002	Iksan regional construction management administration	Tamjin tunnel
125	2002	Seoul regional construction management administration	Ildong ~ Yongjung
126	2002	Korea Expressway Corp.	Tongyoung tunnel
127	2002	Korea Expressway Corp.	Wacheon tunnel
128	2002	Wonju regional construction management administration	Yeondang ~ Youngwol
129	2002	Gyeongsangnamdo	Cheonam ~ Shicheon
130	2001	Daejeon regional construction management administration	Jincheon tunnel
131	2001	Busan Metropolitan city	Gangdong tunnel
132	2001	Korea Expressway Corp.	Okcheon tunnel
133	2001	Busan Metropolitan city	Norujae[Bopjun] tunnel
134	2001	Korea Expressway Corp.	Daekwangryung 1st tunnel
135	2001	Gangwondo	Hao tunnel
136	2001	Korea Expressway Corp.	Charyung tunnel
137	2001	Busan Metropolitan city	Centumcity underpass
138	2001	Korea Expressway Corp.	Jokryung tunnel
139	2001	Korea Expressway Corp.	Yuksipryung tunnel
140	1998-2000	Korea Expressway Corp.	Dunnae tunnel and 79 other projects

Tunnel Lighting & Luminance Control System

NO	YEAR	OWNER	PROJECT
1	2012	2nd Seohaean expressway	Pyeongtaek - Siheung road
2	2012	Wonju regional construction management administration	Seamal - Anheung tunnel
3	2012	Korea land & housing Corp.	Dongsae main road
4	2012	Korea Expressway Corp.	Kangsan 1, 2 tunnel
5	2012	Korea Expressway Corp.	Kumsa 5 tunnel
6	2012	Korea land & housing Corp.	Multifunctional administrative city
7	2012	Korea land & housing Corp.	Incheon Chengna A6
8	2012	Korea land & housing Corp.	Incheon Chengna #2 site
9	2012	Korea Expressway Corp.	Seoul belt expressway
10	2011	Korea Expressway Corp.	Mokpo - Janghun road
11	2011	Korea Expressway Corp.	Chongwon - Busan road
12	2011	Yeosu city	Dongwha - Dunduk detour
13	2011	Yeosu city	Dongwha - Dunduk detour
14	2011	Korea land & housing Corp.	Wirye district
15	2011	Korea Expressway Corp.	Yongdam tunnel
16	2011	Korea Expressway Corp.	Janghun - Gwangyang #7 site
17	2011	Busan Jinhae free Economic zone authority	Bobae tunnel
18	2011	Korea Expressway Corp.	Changwon - Busan road
19	2011	Korea hydro & nuclear power Co., Ltd.	Munmu tunnel
20	2010	Gyeongsangnamdo	Geoje 1st tunnel
21	2010	Gyeongsangnamdo	Jangmok tunnel
22	2010	Korea land & housing Corp.	Chungra area underpass
23	2010	Korea hydro & nuclear power Co., Ltd.	Wolsung radioactive waste disposal facility site
24	2009	Busan Metropolitan city	Geja tunnel
25	2009	Seoul regional construction management administration	June tunnel
26	2008	Suncheon city	Bongwasan tunnel
27	2006	Gyeongsangnamdo	Gapo tunnel
28	2006	Gyeongsangnamdo	Yanggok tunnel
29	2004	Korea land & housing Corp.	Bophwa tunnel



TRACK RECORD

Auto Incident Detection & Traffic Control System Construction

NO	YEAR	OWNER	PROJECT
1	2014	Sourcetel Co., Ltd.	Video Incident Detection System at Kyongin straight Road #1
2	2013	Seoul Metropolitan Government	Heunreungroad
3	2013	Busan regional construction management administration	Namcheon - Chungdo(Gomtigae tunnel)
4	2013	Busan regional construction management administration	Gimcheon city bypass road
5	2012	Seoul regional construction management administration	Seongnam - Janghowon #3 site
6	2012	Busan regional construction management administration	Gimcheon detour
7	2011	Wonju regional construction management administration	Sinbu - Buksan road
8	2011	Changwon city	Jeong byeong tunnel
9	2011	Korea hydro & nuclear power Co., Ltd.	Munmu tunnel
10	2010	Daejeon regional construction management administration	Bonggye tunnel
11	2010	Daejeon regional construction management administration	Bonggye tunnel
12	2009	Seongnam city	Jungwon tunnel
13	2009	Yeosu city	Sucheon tunnel
14	2009	Wonju regional construction management administration	Metdunjea tunnel
15	2007	Seongnam city	Negok tunnel
16	2007	Jeollanamdo	Simwon tunnel
17	2007	Wonju regional construction management administration	Chogok, Malgoge tunnel
18	2006	Daejeon regional construction management administration	Jeokseok tunnel
19	2006	Daejeon regional construction management administration	Geryoung tunnel

Fire Detection & Fire Extinguishing System

NO	YEAR	OWNER	PROJECT
1	2014	Samsung C&T Corp.	Indicating Lamp for Gyeongju - Gampo Yangbuk Tunnel
2	2014	Hyosung	Mechanical System for Makdong-Mapyoeng
3	2014	Daelim INS	Dongghongchun - Yangyang #10
4	2014	Jonghap E&C	Automatic Fire Alarm System for Chungju-Jecheon #4
5	2014	Kukdong E&C	Automatic Fire Alarm System for Jeongup-Wonduk
6	2014	Well system	Kangnam Beltway #5 Automatic Fire detection System
7	2014	Lotte Construction	Chungju, Jecheon #3 Electricity work
8	2014	Hyundai Construction	Multifunctional Administrative City, Daeduck Techno valley electricity for Fire-fighting
9	2014	Deawoo Construction	Donghongcheon, Yangyang #6 Mechanical work
10	2014	Hyundai E&C	Mechanical System for Damyang Sungsan #2 Jusaeng Tunnel
11	2013	Korea Expressway Corp.	Sangju tunnel
12	2012	Deagu metropolitan city	Bummul tunnel
13	2012	Wonju regional construction management administration	Seamal - Anheung tunnel
14	2012	Korea Expressway Corp.	Kangsan 1, 2 tunnel
15	2012	Korea Expressway Corp.	Kumsa 5 tunnel
16	2012	Busan regional Construction management administration	Namcheon - Gyeongdo road
17	2012	Seoul regional construction management administration	Seongnam - Janghowon #2 site
18	2012	Busan regional construction management administratio	Gyeongju - Gampo road
19	2012	Seoul regional construction management administration	Kangnam belt way
20	2012	Wonju regional construction management administration	Maetdunjea tunnel
21	2011	Korea Expressway Corp.	Mokpo - Janghun road
22	2011	Korea Expressway Corp.	Yongdam tunnel
23	2011	Korea Expressway Corp.	Expressway #10
24	2011	Korea Railroad Corp.	Bundang underpass
25	2011	Deagu metro	Deaju mono rail
26	2011	Korea Expressway Corp.	Janghun - Gwangyang #10 site
27	2011	Gyeongsangnamdo highway	Jangyu tunnel
28	2011	Korea land & housing Corp.	Eco highway
29	2011	Korea Expressway Corp.	Janghun, Gwangyang4
30	2010	Wonju regional construction management administration	Baehuryung tunnel
31	2010	Korea hydro & nuclear power Co., Ltd.	Wolsung radioactive waste disposal facility site
32	2010	Busan Jinhae free economic zone authority	Bobae tunnel
33	2009	Busan Metropolitan city	Geja tunnel
34	2009	Seoul regional construction management administration	June tunnel
35	2009	Gyeongsu highway	Saegok tunnel
36	2009	Busan Metropolitan city	Hambak tunnel
37	2009	Yeosu city	Sucheon tunnel



TRACK RECORD

Fire Detection & Fire Extinguishing System

NO	YEAR	OWNER	PROJECT
38	2009	Changwon city	Jungbyung tunnel
39	2009	Korea Expressway Corp.	Cheonma tunnel
40	2009	Gyeongsangbukdo	Galryung tunnel
41	2008	Korea Expressway Corp.	Gumgwang tunnel
42	2007	Seongnam city	Negok tunnel
43	2007	Wonju regional construction management administration	Nonhwa tunnel
44	2007	Korea Expressway Corp.	Muguo tunnel
45	2006	Korea Expressway Corp.	Bulam tunnel
46	2006	Busan regional construction management administration	Nungdong tunnel
47	2006	Gyeongsangnamdo	Gapo tunnel
48	2006	Gyeongsangnamdo	Yanggok tunnel
49	2006	Seoul Metropolitan Government	Gumhwa tunnel
50	2006	Seoul Metropolitan Government	Gugi tunnel
51	2006	Daejeon regional construction management administration	Geryoung tunnel
52	2006	Busan regional construction management administration	Gimhae tunnel
53	2005	Korea Expressway Corp.	Jangseong tunnel
54	2005	Korea Expressway Corp.	Kosung 1st + 2nd tunnel
55	2005	Gangwondo	Misiryung tunnel
56	2005	Korea Expressway Corp.	Hado tunnel
57	2005	Korea Expressway Corp.	Sangdong tunnel
58	2005	Korea Expressway Corp.	Surak tunnel
59	2005	Korea Expressway Corp.	Gochang tunnel
60	2005	Korea Expressway Corp.	Gojeong, 3rd tunnel
61	2004	Korea Expressway Corp.	Dasan tunnel
62	2004	Korea Expressway Corp.	Donghea 3rd tunnel
63	2004	Korea Expressway Corp.	Iwa tunnel
64	2004	Korea Expressway Corp.	Gigea tunnel
65	2004	Gyeongsangnamdo	Bopgi tunnel
66	2004	Wonju regional construction management administration	Suin tunnel
67	2004	Wonju regional construction management administration	Ungjin tunnel
68	2004	Korea land & housing Corp.	Bophwa tunnel
69	2003	Wonju regional construction management administration	Saritjea 2nd tunnel
70	2003	Korea Expressway Corp.	Jangyeon tunnel
71	2003	Korea Expressway Corp.	Yeonpung tunnel
72	2003	Korea Expressway Corp.	Gakseo tunnel
73	2002	Daejeon regional construction management administration	Bonghwang tunnel
74	2002	Korea Expressway Corp.	Tongyoung tunnel
75	2002	Korea Expressway Corp.	Wacheon tunnel

Fire Detection & Fire Extinguishing System

NO	YEAR	OWNER	PROJECT
76	2001	Korea Expressway Corp.	Charyung tunnel
77	2001	Korea Expressway Corp.	Jokryung tunnel
78	2001	Korea Expressway Corp.	Yuksipyung tunnel
79	2001	Seoul Metropolitan Government	Bokak tunnel

Alarm & Communication(Paging, Call, Radio, Rebroadcasting)

NO	YEAR	OWNER	PROJECT
1	2012	Daebul univ	Daebul univ Dangjin campus
2	2012	Wonju regional construction management Administration	Wangsan - Sungsan road
3	2012	STX construction	Namyangju Byulnae district
4	2012	Korea Expressway Corp.	Ulsan- Pohang #10 site
5	2012	Korea land & housing Corp.	Siheung - Janghyeon underpass
6	2012	Yongma tunnel corporation	Yongma tunnel
7	2012	Korea Expressway Corp.	Chungju - Jeacheon #1 site
8	2011	2nd Seohaean expressway	Pyeongtaek- Siheung expressway
9	2011	Korea Expressway Corp.	Janghun - Gwangyang expressway #10
10	2011	Korea Expressway Corp.	Janghun - Gwangyang expressway #10
11	2011	Korea Expressway Corp.	Janghun - Gwangyang expressway #10
12	2011	Korea Expressway Corp.	Mokpo - Janghun #4 site
13	2011	Korea land & housing Corp.	Eco highway
14	2009	Gyeongsu highway	Saegok tunnel
15	2009	Seoul regional construction management administration	Sore tunnel
16	2009	Seoul regional construction management administration	Sore tunnel
17	2009	Gyeongsangbukdo	Galryung tunnel
18	2007	Korea Expressway Corp.	Muguo tunnel
19	2007	Yeosu city	Marae tunnel
20	2007	Wonju regional construction management administration	Nonhwa tunnel
21	2007	Yeosu city	Marae tunnel
22	2005	Korea Expressway Corp.	Sangdong tunnel



TRACK RECORD

System Integration for E&M Products

NO	YEAR	OWNER	PROJECT
1	2014	Sambu Construction Co., Ltd.	Cheonan-si alternative detour(Abebang - Umbong)
2	2014	Seojeon Engineering Co., Ltd.	Sangju - Yeongduk #8
3	2014	J Planet	Automatic Power Control between Nangejeong - Busan
4	2014	Hanyang Construction Co., Ltd.	Mechanical System for Dongghongchun - Yangyang #16
5	2014	Hanyang Construction Co., Ltd.	Dongghongcheon - Yangyang #16
6	2014	Daeduk E&C	Electrical Construction for Chungju - Jeacheon #1
7	2014	HanKyong EMC	Illuminating Power at Kyongin straight Road Lu1 Underpass
8	2014	Shimyung Engineering Co., Ltd.	Hwasung Dongtan Housing Land Development Automatic Power Control
9	2014	Lotte E&C Co., Ltd.	Electrical Construction for Ssangju - Yeongduk #18
10	2014	SK E&C Co., Ltd.	Yoengdong Expressway Soung-proof Tunnel
11	2014	Leemyung Electro-Mechanics	Province of Kyeongbuk New town Automatic Power Control
12	2014	Daelim INS	Materials for Daegu Technopolis #2
13	2014	Daelim INS	Construction for Daegu Technopolis #2
14	2014	Hyupsung Construction Co., Ltd.	Yoengdong Expressway #2
15	2014	Daeduk E&C	Automatic Power Control for Yongma Tunnel
16	2014	Nara Controls INC	Ventilation system for Daegu Technopolis #3
17	2014	Dongyang E&C	Automatic Power Control for Chungju - Jeacheon #4
18	2014	Jinsung EMC	Additional Procurement for Kyongin straight Road Lu1 Underpass
19	2014	Seojeon Engineering Co., Ltd.	Administrative City-Daeduk Techno Valley
20	2014	Samwhan Construcion	Damyang, Seongsan # 4 Electricity construction
21	2014	Deawoo Construction	Damyang, Seongsan Automatic ventilation control
22	2014	Doosan Construction	Ulsan, Pohang #7 Pre-Accessory Civil Works Service
23	2013	Korea water resource Corp.	Seojong/Baekjae leakage detection system
24	2013	Korea water resource Corp.	Gongju equipment line installation
25	2012	Kwangshin high school	Kwangshin high school fire fighting facility work
26	2012	Seoul metro	Hanyang univ station fire fighting facility work, design changes
27	2011	Seoul metro	Hanyang univ station fire fighting facility work
28	2011	Korea Expressway Corp.	Doge 1, 2nd tunnel
29	2011	Korea land & housing Corp.	Bokjeong underpass
30	2011	Daegu Nambu beltway Corp.	Daegu 4th beltway electrical work
31	2010	Korea Expressway Corp.	Masung tunnel
32	2010	Korea Expressway Corp.	Byulyang 2nd tunnel
33	2010	Busan regional construction management administration	Socheon 1st tunnel + Hwangpeong tunnel + Goson tunnel
34	2010	Korea land & housing Corp.	Chungra area underpass
35	2010	Korea land & housing Corp.	Administration complex city
36	2010	Busan regional construction management administration	Gimcheon city - detour
37	2010	Korea Expressway Corp.	Byulyang 2nd tunnel
38	2010	Busan regional construction management administration	Jangyu tunnel

System Integration for E&M Products

NO	YEAR	OWNER	PROJECT
39	2009	Busan Metropolitan city	Geja tunnel
40	2009	Gyeongsu highway	Saegok tunnel
41	2009	Busan Metropolitan city	Hambak tunnel
42	2009	Seoul regional construction management administration	Jungwon tunnel
43	2009	Korea railroad Corp.	Solan tunnel
44	2009	Korea Expressway Corp.	Osu 2nd tunnel
45	2009	Korea Expressway Corp.	Yangji tunnel
46	2009	Yeosu city	Suceon tunnel
47	2009	Changwon city	Jungbyung tunnel
48	2009	Jeollabuk-do	Gumji tunnel
49	2009	Seoul regional construction management administration	Sore tunnel
50	2009	Korea land & housing Corp.	Chungra area apartment
51	2009	Korea Expressway Corp.	Cheonma tunnel
52	2009	Wonju regional construction management administration	Metdunjea tunnel
53	2009	Gyeongsangbukdo	Galryung tunnel
54	2008	Sunchun city	Bonghwasan tunnel
55	2007	Korea Expressway Corp.	Whebuk tunnel
56	2007	Wonju regional construction management administration	Metdunjea tunnel
57	2007	Wonju regional construction management administration	Nonhwa tunnel
58	2007	Korea Expressway Corp.	Ojung tunnel
59	2007	Korea Expressway Corp.	Muguo tunnel
60	2007	Korea Expressway Corp.	Seobong tunnel
61	2007	Seoul regional construction management administration	Bekma tunnel
62	2007	Korea Expressway Corp.	Samae 1st tunnel
63	2007	Korea Expressway Corp.	Hwangjeon 1st tunnel + Seomyun 5th tunnel
64	2007	Yeosu city	Marae tunnel
65	2007	Busan regional construction management administration	Shindongjeon tunnel
66	2007	Jeollanamdo	Simwon tunnel
67	2007	Korea Expressway Corp.	Seomyun 1st & 2nd
68	2006	Daejeon regional construction management administration	Jeokseok tunnel
69	2006	Korea Expressway Corp.	Bulam tunnel
70	2006	Gyeongsangnamdo	Gapo tunnel
71	2006	Gyeongsangnamdo	Yanggok tunnel
72	2006	Korea Expressway Corp.	Bukbang 1st tunnel + Dongsan 2nd tunnel
73	2006	Busan regional construction management administration	Gimhae tunnel
74	2005	Korea Expressway Corp.	Jangseong tunnel
75	2005	Korea Expressway Corp.	Kosung 1st + 2nd tunnel
76	2005	Gangwondo	Misiryung tunnel



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System Integration for E&M Products

NO	YEAR	OWNER	PROJECT
77	2005	Korea Expressway Corp.	Surak tunnel
78	2005	Korea Expressway Corp.	Gochang tunnel
79	2004	Korea Expressway Corp.	Chimgok tunnel
80	2004	Gyeongsangnamdo	Bopgi tunnel
81	2004	Wonju regional construction management administration	Suin tunnel
82	2004	Wonju regional construction management administration	Ungjin tunnel
83	2003	Korea Expressway Corp.	Jangyeon tunnel
84	2003	Korea Expressway Corp.	Yeonpung tunnel
85	2003	Korea Expressway Corp.	Gakseo tunnel
86	2002	Seoul regional construction management administration	Ildong - Yongjung
87	2002	Korea Expressway Corp.	Tongyoung tunnel
88	2002	Wonju regional construction management administration	Yeondang - Youngwol
89	2001	Korea Expressway Corp.	Yuksipryung tunnel
90	2001	Seoul Metropolitan Government	Bokak tunnel

RWIS & Anti-Icing System

NO	YEAR	OWNER	PROJECT
1	2014	Wonha Construction	Paju Jeokseong Industrial City Anti Icing System
2	2013	Korea land & housing Corp.	Daejeon Dongseo road
3	2013	Wonju regional construction management administration	Makdong - Mapeyon #1, 2 tunnel
4	2013	Gangneung	Gangneungokgae road
5	2012	Wonju regional construction management administration	Baehuryung tunnel
6	2012	Bundang-gu	Yunjung ic
7	2012	Jeollanamdo	Yu chi & Iyang tunnel
8	2012	Yongma tunnel corporation	Yongma tunnel
9	2012	GS construction	LG Elec Incheon campus
10	2012	Korea land & housing Corp.	Taeon road
11	2012	Uijeongbu city	Jang Am overpass road
12	2012	Incheon metropolitan city	Bu An overpass road
13	2010	Wonju regional construction management administration	Baehuryung tunnel
14	2010	Korea land & housing Corp.	Namyangju detour
15	2009	Gangwondo	Boraeryung tunnel
16	2009	Seongnam city	Jungwon tunnel
17	2009	Korea land & housing Corp.	Hwasung - Taeon road
18	2008	Seongnam city	Seongnam Pangyo roadway line 57
19	2007	Korea Expressway Corp.	Whebuk tunnel
20	2007	Seoul regional construction management administration	Bekma tunnel
21	2005	Korea Expressway Corp.	Jangseong tunnel
22	2005	Gangwondo	Misiryung tunnel
23	2005	Korea Expressway Corp.	Gochang tunnel
24	2004	Korea Expressway Corp.	Donghea 3rd tunnel
25	2004	Korea Expressway Corp.	Chimgok tunnel
26	2004	Wonju regional construction management administration	Suin tunnel
27	2004	Wonju regional construction management administration	Ungjin tunnel
28	2003	Seongnam city	Seongnam Pangyo roadway line 57
29	2002	Korea Expressway Corp.	Wacheon tunnel



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Emission and Process Gas Monitoring System(Stack TMS) Integration

NO	YEAR	OWNER	PROJECT
1	2013	Korea electric power Corp.	Taeon thermal power plant #9, 10 SCR
2	2013	Korea electric power Corp.	Shinboryung power plant #1, 2 SCR
3	2013	Korea electric power Corp.	Shinboryung power plant #1, 2 SCR
4	2013	Korea electric power Corp.	Yeosu power plant SCR
5	2013	POSCO	POSCO cokes
6	2013	Electrica Angamos	Chile Cochrane power plant CEMS
7	2013	POSCO	POSCO Indonesia INNE
8	2013	Brazil CSP	Brazil CSP EP
9	2013	Libya electric Corp.(Gecol)	Tripoli power plant CEMS
10	2013	TNB Northen Energy BHD	Prai cems
11	2013	Takoradi international company	Ghana Takoradi CEMS
12	2013	Termo Tasajero S.A	Colombia Termotasajero CFPP CEMS
13	2013	Enbtech KOREA	Enbtech Korea gas analyzer CEMS
14	2013	Kwangwon Lumber	Kwangwon lumber incinerator CEMS
15	2013	POSCO E&C	POSCO Sng Tailgas incinerator CEMS
16	2013	Hanhwa chemical	Ulsan Hanwha chemical CEMS
17	2013	CAPRO	Capro replacement CEMS
18	2013	Samsung display	Samsung display

Air Purification System(Electrostatic Precipitator - ESP)

NO	YEAR	OWNER	PROJECT
1	2014	Daegu metropolitan rapid transit corporation	Wolchon Station
2	2013	Ministry of Environment(Korea)	Wangfujing Subway Station(China)/Multi-Cross Type ESP
3	2012	Daegu metropolitan rapid transit corporation	Wolbea station honeycomb electrostatic precipitator
4	2011	Metropolitan rapid transit corporation	Gunguk Uni. station honeycomb electrostatic precipitator
5	2005	Korea Expressway corp.	Surak tunnel electrostatic precipitator
6	2004	Busan regional construction management administration	Gyeongju tunnel electrostatic precipitator
7	2004	Korea Expressway corp.	Jinbu tunnel

Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
1	2014	Electrica Angamos	Chile Cochrane Power Plant
2	2014	Aleria SPE	Algeria ANAA Combined Cycle Power Plant
3	2014	Aleria SPE	Algeria AMOS Combined Cycle Power Plant
4	2014	LABIX Company Limited	Linear Alkyl Benzene in Thailand Process
5	2014	Algeria SPE	Algeria SCPP Plant
6	2014	Formasa HaTinh Steel Corporation	Hatinh Steel Mill HSM Project
7	2014	Vietnam Oil and Gas Group(PVN)	Thaibin 2 Thermal Power Plan
8	2014	Korea South-east Power Co., Ltd.	Yeosu power plant
9	2014	Korea Midland Power Co., Ltd.	Sinboryeong Power plant
10	2014	Korea Southern Power Co., Ltd.	Samcheok Green Power Boiler
11	2014	Korea Southern Power Co., Ltd.	Ha-dong Power Plant #4 EP
12	2014	Korea Midland Power Co., Ltd.	Seocheon Power Plant
13	2014	Korea Western Power Co., Ltd.	Taeon Power Plant #9, 10
14	2014	Korea Midland Power Co., Ltd.	Sinboryeong Power Plant
15	2014	KOPEC	Osan Cogeneration Plant
16	2014	KOPEC	Osan Auxiliary Cogeneration Plant
17	2014	OCI	Saemangeum Power Plant
18	2014	POSCO	POSCO(Kwang Yang) EP
19	2014	Hanjae	Hanjae Incinerator
20	2014	Cheonan City	Cheonan Incinerator
21	2014	Wonju City	Wonju RDF Plant
22	2014	Hansol Paper Tec	Hansol Paper Damyang
23	2014	GS EPS	Dangjin Biomass Plant
24	2014	KC Ecoenergy	KC Ecoenergy Replacement
25	2014	SAMSUNG DISPLAY	SAMSUNG Display Asan A3 Project
26	2014	SAMSUNG DISPLAY	SAMSUNG Display Cheonan, Asan
27	2014	POSCO	POSCO SNG Tail gas
28	2014	POSCO	Gwangyang SNNC PROCESS
29	2014	LG Chemical	LG Chemical Corp. TMS
30	2013	Korea Electric Power Corp.	Taeon #9, 10 thermal power plant
31	2013	Korea Electric Power Corp.	Shinboryung #1m2power plant
32	2013	Korea Electric Power Corp.	Yeosu #1 power plant
33	2013	Pohang iron and steel company(POSCO)	Posco cokes plant
34	2013	Electrica Angamos	Chile Cochrane power plant
35	2013	Pohang iron and steel company(POSCO)	Posco Indonesia INNE
36	2013	Brazil companhia sider Urgica Do Pecem	Brazil CSP EP
37	2013	Libya electric Corp.(Gecol)	Tripoli power plant
38	2013	TNB Northen energy Bhd.	Malaysia Prai power plant



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Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
39	2013	Takoradi internati-onal company	Ghana Takoradi
40	2013	Termo Tasajero S.A	Colombia Termotasajero CFPP power plant
41	2013	Enbtech Korea	Enbtech Korea incinerator
42	2013	Kwangwon lumber	Kwangwon lumber incinerator
43	2013	POSCO E&C	POSCO Sng tailgas incinerator
44	2013	Hanhwa chemical	Ulsan Hanwha chemical
45	2013	CAPRO	Capro replacement
46	2013	Samsung display	Samsung display
47	2013	Korea Electric Power Corp.	Samcheok green power
48	2013	Korea Electric Power Corp.	Dangjin thermal power plant
49	2013	Korea Electric Power Corp.	Bukpyeong thermal power plant
50	2013	Korea Electric Power Corp.	Kwep Ltd. Dangjin thermal power
51	2013	Korea Electric Power Corp.	KOSEP Co. Ltd Samchunpo thermal power plant
52	2013	Korea Electric Power Corp.	Kospo Andong complex thermal power plant
53	2013	Korea Electric Power Corp.	Kospo Andong complex thermal power plant
54	2013	Korea Electric Power Corp.	Kew Plant New - Woolsan complex thermal power plant
55	2013	Korea Electric Power Corp.	KOSEP Co. Ltd Younghueng thermal power plant
56	2013	Korea Electric Power Corp.	Yeosu cogeneration plant
57	2013	Yulchon energy	Yulchon power plant
58	2013	S power	Ansan complex power plant
59	2013	Korea district heating Corp.	Suwon district heating Corp
60	2013	Daeryun power	Yang-Ju group energy
61	2013	Pohang iron and steel company(POSCO)	POSCO Pohang sinter
62	2013	Pohang iron and steel company(POSCO)	POSCO Kwangyang cokes
63	2013	Kwang Won lumber	Kwang Won lumber plant
64	2013	Tongyeong-si	Tongyoung incinerator
65	2013	Cheon il paper	Chunilpape incinerator
66	2013	Medicor	Medicor incinerator
67	2012	Korea electric power Corp.	KEWP New-Woolsan complex thermal power plant
68	2012	Korea Electric Power Corp.	Kosep Co., Ltd. Samchunpo thermal powerplant
69	2012	Korea Electric Power Corp.	Younghueng thermal power plant
70	2012	Korea Electric Power Corp.	KEWP Honam thermal power plant
71	2012	Korea Electric Power Corp.	Komipo Seochun thermal power plant
72	2012	Korea Electric Power Corp.	Kospo Hadong thermal power plant #1 ~ 4
73	2012	Korea Electric Power Corp.	Younghueng thermal power plant 5, 6 boiler
74	2012	Korea Electric Power Corp.	Komipo Sejong-si cogeneration SCR
75	2012	Daeryun power	Yang-Ju group energy power plant
76	2012	Korea Electric Power Corp.	Sejong-si cogeneration power plant

Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
77	2012	Korea District Heating Corp.	Uijeongbu minlark district
78	2012	Busan-si	Busan RDF incinerator
79	2012	Byeollae energy	Byulnae group energy
80	2012	Korea district heating Corp.	Gwanggyo cogeneration
81	2012	Gs electric power & service	Bogok #3 complex thermal power plant
82	2012	Pohang iron and steel company(POSCO)	POSCO Kwangyang furance plant
83	2012	Pohang iron and steel company(POSCO)	POSCO Pohang INNI steel plant
84	2012	Pohang iron and steel company(POSCO)	POSCO Kwangyang steel manufacture plant
85	2012	Sangju-si	Sangju incinerator
86	2012	Hansol paper	Daejeon factory incinerator
87	2012	Nit	NIT incinerator
88	2012	Busan Metropolitan city	Busan RDF incinerator plant
89	2012	Korea district heating Corp.	Nanji sewage treatment equipment
90	2012	Nexgentech	Yeosu Daesan MMA plant
91	2011	Korea Electric Power Corp.	Komipo incheon complexthermal power plant
92	2011	Korea Electric Power Corp.	Kewp Ltd. Dangjin thermal power plant #9, 10
93	2011	Korea Electric Power Corp.	Kosep samchunpo thermal power plant
94	2011	Korea Electric Power Corp.	Komipo Incheon complex thermal power #3
95	2010	Korea district heating Corp.	Goyang Samsung cogeneration power plant
96	2010	Korea land & housing Corp.	Daejeon Southwest community energy
97	2010	Pohang iron and steel company(POSCO)	POSCO Pohang sintering furnace
98	2010	Pohang iron and steel company(POSCO)	POSCO Pohang incinerator
99	2010	POSCO	POSCO Gwangyang EP
100	2010	POSCO	POSCO Pohang EP
101	2010	Gwangju city	Gwangju Sangmu incinerator
102	2010	Vinotec. Co., Ltd.	Vinotec. Co., Ltd. incinerator
103	2010	Jeju city	Jeju sanbuk, Sannam incinerator
104	2010	Donghwa industrial Co., Ltd.	Donghwa industrial Co., Ltd. Incinerator
105	2010	Samwoo green	Samwoo green incinerator
106	2010	Yangsan city	Yangsan incinerator
107	2010	Saudi Electric Co.(Sec)	Saudi Arabia Marafiq power plant
108	2010	Research institute of industrial science & technology	Rist test bed
109	2010	POSFINE	Posfine electric furnace plant
110	2010	ECO energy	Sudokwon land fill site
111	2010	Daesung Industrial Co., Ltd.	Daesung industrial Co., Ltd. Osan energy plant
112	2010	S-OIL	S-OIL boiler
113	2010	Kunsan OCI	Kunsan OCI
114	2010	CAPRO	Capro incinerator

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Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
115	2010	Busan fashion color	Busan fashion color replacement
116	2010	Foresco Inc.	Foresco inc. Plant
117	2010	SIMPAC	Simpac electric furnace
118	2010	CAPRO	CAPRO nitric acid plant
119	2010	Samsung Electronics	Samsung electronics U&S line relocation
120	2010	Samsung Electronics	Samsung electronics 15 lines addition
121	2010	Dongbu steel	Dongbu steel Incheon
122	2009	Korea Electric Power Corp.	Komipo Boryung thermal power plant
123	2009	Korea Electric Power Corp.	Kosep Samchunpo thermal power plant
124	2009	Korea Electric Power Corp.	Kosep youngwol combined cycle plant
125	2009	Ansan Eco city Corp.	Ansan city power plant
126	2009	Daehan city gas Co., Ltd.	Kangdong community energy plant
127	2009	Korea district heating Corp.	Goyang Samsung cogeneration plant
128	2009	Korea district heating Corp.	Suwon district heating Corp. #1
129	2009	Korea district heating Corp.	Hwasung district heating Corp. Plant
130	2009	Korea district heating Corp.	Sangam #1 area plant
131	2009	Korea land & housing Corp.	Daejun Southwest community energy
132	2009	Korea district heating Corp.	Sangam #2 area plant
133	2009	Korea district heating Corp.	Pangyo cogeneration plant
134	2009	Korea land & housing corp.	A-san Baebang community energy
135	2009	Korea district heating Corp.	Suwon district heating Corp. #2
136	2009	Korea district heating Corp.	Pangyo cogeneration plant
137	2009	Korea district heating Corp.	Paju cogeneration plant
138	2009	Korea district heating Corp.	Pangyo cogeneration plant
139	2009	Pohang iron and steel company(POSCO)	POSCO Gwangyang sinter
140	2009	Pohang iron and steel company(POSCO)	POSCO Pohang EP
141	2009	Pohang iron and steel company(POSCO)	POSCO chemical scrubber
142	2009	Jeonju paper	Jeonju paper(Norskeskog) biomass plant
143	2009	Gongju city	Gongju incinerator
144	2009	Arim environment	Arim environment #2 incinerator
145	2009	Donghwa industrial Co., Ltd.	Donghwa industrial Co., Ltd. Plant #2
146	2009	Greensco	Greensco incinerator
147	2009	Jeju city	Jejusanbuk incinerator
148	2009	Gongju city	Gongju incinerator
149	2009	AJIN P&P	AJIN P&P incinerator
150	2009	Donghwa industrial Co., Ltd.	Donghwa industrial Co., Ltd. Incinerator
151	2009	Taiwan & vietnam dust	Taiwan & Vietnam dust
152	2009	Pb power	Thailand Gheco power plant

Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
153	2009	Mof(ministry of finance kingdom of Bahrain)	Lybia Al Durr IWPP
154	2009	Libya electric Co.(Gecol)	Lybia Al Khalij power plant
155	2009	Taiwan power company	Taiwan Hsinta power plant
156	2009	Samsung medical centre	Samsung medical centre
157	2009	Hyundai- Otem	Hyundai-Rotem plant
158	2009	Seahbesteel	Seahbesteel electric furnace plant
159	2009	Simpac	Simpac electric furnace
160	2009	Dongbu steel	Dongbu steel Dangjin plant
161	2009	SY-GENEX	Sy-genex power plant
162	2009	KWLB	Kwlb power plant
163	2008	Korea Electric Power Corp.	Komipo Jeju thermal power plant
164	2008	Korea Electric Power Corp.	Kewp Dangjin thermal power plant
165	2008	Korea Electric Power Corp.	Kwpc Kunsan complex thermal power plant
166	2008	Korea Electric Power Corp.	Komipo Boryung thermal power plant
167	2008	Korea Electric Power Corp.	Kewpdangjin thermal power plant #3
168	2008	Hyundai-steel	Hyunhdai-steel gas power plant
169	2008	Korea district heating Corp.	Gae sung industrial zone community energy
170	2008	Korea district heating Corp.	Kdhc daegu woodchip TMS
171	2008	Kumho Petro chemical	Kumho petro chemical plant
172	2008	Suwan energy	Gwangju Suwan community energy process plant
173	2008	Pohang iron and steel company(POSCO)	POSCO Gwangyang Incinerator
174	2008	Pohang iron and steel company(POSCO)	POSCO Pohang scrubber
175	2008	Pohang iron and steel company(POSCO)	POSCO chemical plant
176	2008	Pohang iron and steel company(POSCO)	POSCO Gwangyang steel making process plant
177	2008	Pohang iron and steel company(POSCO)	POSCO Pohang EP
178	2008	Myeong Seong environment Co., Ltd.	Myeong Seong environment Co., Ltd. Incinerator
179	2008	E-green incinerator	E-green incinerator
180	2008	Seong Nam city	Pangyo incinerator
181	2008	Chung Ju city	Chung Ju city incinerator
182	2008	Arim environment	Arim environment incinerator
183	2008	Yerevan thermal power plant	Yerevan Armenia power plant
184	2008	Electrica Angamos	Chile Angamos power plant
185	2008	Empresa Electrica Ventanas S.A	Chile Campiche power plant
186	2008	Tata company	India Mundra EP
187	2008	Great socialist people's Libyan Arab Janahiriya General people's committee of Electricity water & gas	Lybia Sarir power plant
188	2008	Empresa Electrica Ventanas S.A	Chile Nueva power plant
189	2008	Glow energy Co., Ltd.	Thailand glow O2



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Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
190	2008	Jeonju paper	Jeonju paper biomass plant
191	2008	Korea district heating Corp.	Dongnam distribution complex power plant
192	2008	Samsung electronics	Samsung electronics Hwaseong acid plant
193	2008	Seahbesteel	Seahbesteel steel plant
194	2008	Hyundai-steel	Hyundai-steel Dangjin plant
195	2008	Hyundai-steel	Hyundai-steel Pohang plant
196	2008	Samsung electronics	Samsung electronics Tangjeong plant
197	2008	Samsung electronics	Samsung electronics Cheonan plant
198	2008	Samsung electronics	Samsung electronics Kiheung plant
199	2008	Capro	Capro incinerator
200	2008	Samsung SDI	Samsung SDI plant
201	2008	Lafarge-Gypsum	Lafarge-gypsum plant
202	2008	Asian Ceratec Corp.	Asian Ceratec corp. Incinerator
203	2008	Hynix	Hynix plant
204	2008	Korea district heating Corp.	Dongnam distribution complex plant
205	2008	Hyundai-steel	Hyundai-steel plant
206	2008	Daegu wood chip	Daegu wood chip plant
207	2008	Daesung industrial Co., Ltd.	Daesung industrial Co., Ltd. Incinerator
208	2008	Kumho Petro chemical	Kumho Petro chemical plant
209	2008	Samsung electronics	Samsung electronics Hwaseong plant
210	2008	Dongyang steel chemical	Dongyang steel chemical
211	2008	Daesung industrial Co., Ltd.	Daesung industrial Co., Ltd.
212	2008	Samsung electronics	Samsung electronics 8th line
213	2008	Yeosu basf	Yeosu basf plant
214	2008	Samsung electronics	Samsung electronics Hwaseong factory
215	2007	Korea electric power Corp.	Komipo boryung thermal power plant #1, 2
216	2007	Korea electric power Corp.	Kospo hadong thermalpower plant #7 ~ 8
217	2007	Incheon total energy company	Incheon total energy company
218	2007	Suwan energy	Gwangju suwan community energy
219	2007	Jungkwan energy	Busan jungkwan cogeneration plant
220	2007	Sh corporation	Nowon, monkdong cogeneration plant
221	2007	Pohang iron and steel company(POSCO)	POSCO(Gwangyang) flow
222	2007	Pohang iron and steel company(POSCO)	POSCO(Gwangyang) dust
223	2007	Yangju city	Yangju city incinerator
224	2007	Bucheon city	Bucheon daejang-dong incinerator
225	2007	Busan Metropolitan city	Busan Jungkwan incinerator
226	2007	Korea paper	Korea patper incinerator
227	2007	Hongsung	Hongsung incinerator

Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
228	2007	Empresa Electrica Ventanas S.A	Chile nueva power plant
229	2007	SK Incheon oil refining	Sk incheon oil refining
230	2007	Dongil Co., Ltd.	Dongil Co., Ltd. incinerator
231	2007	SIMPAC	SIMPAC electric plant
232	2007	Samsung electronics	Samsung electronics Suwon factory
233	2007	Daehwa paper	Daehwa paper plant
234	2007	Donghwa industrial Co., Ltd.	Donghwa industrial Co., Ltd. Plant
235	2007	Foresco inc.	Foresco inc.Steel
236	2007	SK Incheon oil refining	SK Incheon oil refining plant
237	2007	Dongbu steel	Dongbu steel plant
238	2007	Hansol tech.	Hansol tech. Incinerator
239	2007	Posco chemical	Posco chemical plant
240	2007	Hyundai-steel	Hyundai-steel Pohang plant
241	2007	Dongbu-steel	Dongbu-steel Pohang plant
242	2007	Hansol tech.	Hansol tech. Plant
243	2007	Carpro	Capro nitric plant
244	2007	Daewoo shipbuilding & marine Engineering Co., Ltd.	Daewoo shipbuilding & marine Engineering Co., Ltd. power plant.
245	2007	Samsung electronics	Samsung electronics Tangjeong plant
246	2007	Miju materials	Miju materials
247	2007	Hyo Sung	Hyo Sung Unyang factory
248	2007	Dongil Co., Ltd.	Dongil Co., Ltd.
249	2007	Dongkuk trade	Dongkuk trade
250	2007	Dongwoo fine Chem	Dongwoo fine Chem
251	2006	Korea electric power Corp.	Kosep Younghueng thermal power plant
252	2006	Korea electric power Corp.	Hadong thermal power plant #7, 8 EP
253	2006	Korea electric power Corp.	Komipo Boryung thermal power plant #7, 8
254	2006	Korea electric power Corp.	Pyeongtaek thermal power plant #1 ~ 4
255	2006	Korea district heating Corp.	Kdhc Hwaseong cogeneration PLB #2
256	2006	Korea district heating Corp.	Kdhc Hwaseong cogeneration HRSG #2
257	2006	Korea district heating Corp.	Korea district heating Corp. Gangnam Area water boiler
258	2006	STX energy	Banwuol cogeneration plant
259	2006	STX energy	Banwuol cogeneration SCR addition
260	2006	Korea district heating Corp.	Suwon district boiler
261	2006	Korea district heating Corp.	Chungju district boiler
262	2006	Korea district heating Corp.	Daegu district boiler
263	2006	Korea district heating Corp.	Hwaseong district boiler
264	2006	Hana industry	Hana industry
265	2006	Woosuk environment	Woosuk environment TMS

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Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
266	2006	Icheon city	Icheon city eastern resource recovery facility
267	2006	Yangsan city	Yangsan city incinerator
268	2006	Shinho environment	Shinho environment
269	2006	Vinotec. Co., Ltd.	Vinotec. Co., Ltd.
270	2006	Oci company Ltd.	Oci company Ltd.
271	2006	Yeonggwang-gun	Yeonggwang-gun Incinerator
272	2006	Samsung electronics	Samsung electronics Suwon factory
273	2006	Hoengseong-gun	Hoengseong-gun incinerator
274	2006	Sookwang industrial	Industrial waste incinerator #2 enlargement
275	2006	Doosan electronics	Doosan electronics TMS
276	2006	Samsung electro-mechanics	Samsung electro-mechanics plant
277	2006	Dongbu steel	Dongbu steel plant
278	2006	Reunalt Samsung	Reunalt Samsung plant
279	2006	Osan energy	Osan energy plant
280	2006	Sungji trading Co., Ltd.	Sungji trading Co., Ltd. plant
281	2006	Hansol Tech.	Hansol Tech. Plant
282	2006	STX engine	STX engine power plant
283	2005	Daelim paper	Daelim paper incinerator
284	2005	Neven	Industrial waste incinerator
285	2005	Oci company Ltd.	Kunsan factory basic incinerator
286	2005	Cheongju city	Cheongju city sludge incinerator
287	2005	Pocheon city	Sludge incinerator
288	2005	GS Construction	Gs construction(Paju lcd)
289	2005	Taeyoung environment	Industrial waste incinerator
290	2005	Q-N-tec	Industrial waste incinerator
291	2005	China electric Co.(SPCC)	China Thai
292	2005	Yangcheon resource recovery facility	Yangcheon resource recovery facility
293	2005	Lafarge-gypsum	Lafarge-gypsum Woolsan factory calcinations Furnace
294	2005	Changkwang industry	Changkwang industry
295	2005	Hana industry	Hana industry
296	2005	Samik environment industry	Samik environment industry
297	2005	Hanseu Univ.	Hanseu Univ.
298	2005	KS ENG	KS Eng power plant
299	2005	SK Corp.	SK Corp. EP
300	2004	Korea Electric Power Corp.	North Jeju thermal power plant
301	2004	Korea Electric Power Corp.	Pyeongtaek thermal power plant #1
302	2004	Korea Electric Power Corp.	Taeon thermal power plant #7, 8
303	2004	Korea Electric Power Corp.	Komipo Jeju thermal power plant

Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
304	2004	Korea Electric Power Corp.	Komiposouth Jeju thermal power plant #1, 2
305	2004	Korea Electric Power Corp.	Kewp Dangjin thermal power plant #7, 8
306	2004	Korea Electric Power Corp.	Kewp Honam thermal power plant
307	2004	Korea Electric Power Corp.	Komipoincheon complex thermal power plant
308	2004	Korea Electric Power Corp.	Kosep Samchonpo thermal power plant #3, 4
309	2004	Korea district heating Corp.	Dongba, Sangam district power plant
310	2004	Korea district heating Corp.	Suwon district power plant
311	2004	Pohang iron and steel company(POSCO)	POSCO(Pohang) cokes factory
312	2004	Pohang iron and steel company(POSCO)	POSCO(Pohang) Hwaseong 2nd factory
313	2004	Pohang iron and steel company(POSCO)	POSCO (Gwangyang) 3 sintering, 3, 4 cold-mil factory
314	2004	Pohang iron and steel company(POSCO)	Test bed
315	2004	Sojung development	Industrial waste incinerator
316	2004	Ansung city	Domestic waste incinerator
317	2004	Jinhae city	Domestic waste incinerator
318	2004	Samwoo green	Infectious waste incinerator
319	2004	Changkwang industry	Infectious waste incinerator
320	2004	Hansol EME	Daeseo incinerator
321	2004	Gyeonggi-do	Gwangmyoung city resource recovery facility
322	2004	Incheon city	South incinerator
323	2004	Hana industry	Infectious waste incinerator
324	2004	Gwangmyoung city	Gwangmyoung city domestic waste incinerator
325	2004	Aramco	Saudi Arabia Aramco power plant
326	2004	LG LCD	LG LCD plant
327	2004	Daelim industrial Co., Ltd.	K-power
328	2004	Daea industrial Co., Ltd.	Daea industrial Co., Ltd.
329	2004	Daejun incinerator(LG construction)	Daejun incinerator(LG construction)
330	2004	Dongbu Hitek	Dongbu Hitek
331	2003	Korea Electric Power Corp.	Samchonpo thermal power plant
332	2003	Korea Electric Power Corp.	Yongdong thermal electric power plant
333	2003	Korea Electric Power Corp.	Honam thermal electric power plant
334	2003	Korea Electric Power Corp.	Youngheung thermal electric power plant
335	2003	Korea Electric Power Corp.	Seochun thermal electric power plant
336	2003	Korea Electric Power Corp.	Dangjin thermal electric power plant #5, 6
337	2003	Korea Electric Power Corp.	South of Jeju thermal electric power plant
338	2003	Korea Electric Power Corp.	Dangjin thermal electric power #5, 6
339	2003	Korea Electric Power Corp.	Boryung thermal electric power
340	2003	Korea Electric Power Corp.	Dangjin thermal electric power #1 - 4
341	2003	Kumho petro chemical	Cogeneration plant



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Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
342	2003	Pohang iron and steel company(POSCO)	Pohang industry bench scientist
343	2003	Pohang iron and steel company(POSCO)	POSCO(Pohang) dust factory in Hwaseong
344	2003	UNID	UNID wood destructor
345	2003	NIT	NIT industry destructor + D578
346	2003	Hansol home deco	Hansol home deco destructor in Iksan factory
347	2003	Hansol home deco	Hansol home deco destructor in Asan factory
348	2003	Cheonil paper	Cheonil paper destructor
349	2003	Pen Asia paper	Jeonju factory destructor
350	2003	Pen Asia paper	Jeonju factory boiler
351	2003	Pen Asia paper	Chungwon factory boiler
352	2003	Bowonteo Hanlla paper	Bowonteo Hanlla paper destructor
353	2003	Bowonteo Hanlla paper	Bowonteo Hanlla paper boiler
354	2003	Hansol paper	Hansol paper Daejeon factory destructor
355	2003	Dong Yang environment	Dong yang environment industrial waste Destructor
356	2003	Daejeon city	Daejeon city #2 solid waste destructor
357	2003	Wolsan	Wolsan destructor
358	2003	Nestle Korea	Nestle Korea destructor
359	2003	Daewoo shipbuilding & marineEngineering Co., Ltd.	Girjeado Daewoo ship building destructor
360	2003	Hankook tire	Hankook tire Daejeon factory destructor
361	2003	Hankook tire	Hankook tire Keumsan factory destructor
362	2003	LG chemical	LG chemical Chungju factory destructor
363	2003	LG chemical	LG chemical Ulsan factory destructor
364	2003	Su-Kwang industry	Sukwang industry waste destructor
365	2003	Han-mi industry	Han-mi industrial waste destructor
366	2003	U&S	U&S industry waste destructor
367	2003	Myungsung environment	Myungsung environment industry waste destructor
368	2003	PT.PLN	Indonesia Muara
369	2003	Dongyang steel chemical	Dongyang chemistry Kunsan factory boiler
370	2003	UNID	Unid wood destructor
371	2003	KIA special steel	Kia special steel boiler, electric furnace
372	2003	Dae Sang	Daesang boiler
373	2003	Hansol home deco	Hansol home deco Iksan factory boiler
374	2003	Hansol home deco	Hansol home deco Asan factory boiler
375	2003	Hite	Hite beer Jeonju factory boiler
376	2003	Hite	Hite beer Hongchun factory boiler
377	2003	Shin dong bang	Shindongbang boiler
378	2003	Namhan paper	Namhan paper boiler
379	2003	Kyesung paper	Kyesung paper boiler

Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
380	2003	Poongman paper	Poonman paper boiler
381	2003	Hongwon paper	Hongwon paper boiler
382	2003	Osan energy	Osan energy boiler
383	2003	Hyundai oil bank	Hyundai oil-bank boiler
384	2003	Wolsan	Wolsan boiler
385	2003	Kyunggi Chemical	Kyunggi chemistry fertilizer factory
386	2003	Dongkuk trade	Dongkoon trade boiler
387	2003	Korea Cement Association	Korea cement association dust analyzer group Purchase plant
388	2003	Hankook tire	Hankook tire Daejeon factory boiler
389	2003	Hankook tire	Hankooktire Keumsan factory boiler
390	2003	Hanbo steel	Hanbo steel electric furnace
391	2002	Korea Electric Power Corp.	Kosep youngheung steam plant
392	2002	Korea Electric Power Corp.	Ulsan steam plant
393	2002	Korea Electric Power Corp.	Boryung steam plant
394	2002	Korea Electric Power Corp.	Youngnam power
395	2002	Korea Electric Power Corp.	Bundang complex power
396	2002	SH Corp.	Nowon- Jigu cogeneration plant
397	2002	SH Corp.	Mokdong-Jigu cogeneration plant
398	2002	SH Corp.	Nowon-Jigu cogeneration plant
399	2002	SH Corp.	Mokdong-Jigu cogeneration plant
400	2002	Pohang iron and steel company(POSCO)	POSCO(Pohang) sintering furnace
401	2002	Pohang iron and steel company(POSCO)	POSCO(Pohang) cold-heated factory
402	2002	Pohang iron and steel company(POSCO)	Pohang industry bench scientist
403	2002	Pohang iron and steel company(POSCO)	POSCO(Kwangyang) destructor
404	2002	Yuhan Kimberly	Yuhan- Kimberly destructor
405	2002	CARPRO	Carpro Locktom manufacturing facility
406	2002	CARPRO	Carpro boiler TMS
407	2002	Nam Hae chemical	Namhae chemical Jilsan factory
408	2002	Nam Hae chemical	Namhae chemical DNT factory
409	2001	Korea Electric Power Corp.	Seoul heating power
410	2001	Korea Electric Power Corp.	Incheon heating power
411	2001	STX energy	Gumi industrial cogeneration plant
412	2001	GS power	LG power Bucheon development
413	2001	GS power	LG power Bucheon heating
414	2001	GS power	LG power Anyang development
415	2001	GS power	LG power Anyang heating
416	2001	ECO service	Echo-service Korea industrial Waste destructor
417	2001	Daeil development	Daeil development industrial waste destructor

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Instrument and Control System for Industrial Plants

NO	YEAR	OWNER	PROJECT
418	2001	Bukyung industry	Bookyung industrial waste destructor
419	2001	Sunglim Yu-Hwa	Sunglim yu-hwa industrial waste destructor
420	2001	Vinotec Co., Ltd.	Vinotec industrial waste destructor
421	2001	Samzie industry	Samzie industrial waste destructor
422	2001	Samik environment	Samik environment industrial waste destructor
423	2001	NCC	NCC industrial waste destructor
424	2001	Kumho environment	Kumho environment industrial waste destructor
425	2001	Hwa-Seung paper	Hwa-seung paper destructor
426	2001	An Yang city	An-yang city Pyung-Chon Jigu waste destructor
427	2001	Doosan heavy industries	Doosan heavy industrial destructor
428	2001	POSEC	Iran Tavazon steel works sintering furnace
429	2001	Nam Hae chemical	Namhae chemical fertilizer factory
430	2001	Nam Hae chemical	Namhae chemical Amonia factory
431	2001	Nam Hae chemical	Namhae chemical granule factory
432	2001	Dong yang steel chemical	Oci company Incheon factory boiler
433	2001	GS Caltex	LG- Caltex boiler
434	2001	GS Caltex	LG- Caltex destructor
435	2001	Doosan Electronics	Doosan electronics boiler
436	2001	Honam petro chemical	Honam petrochemical cogeneration
437	2001	KCC world	KCC plaster factory
438	2001	Lafarge-gypsum	Larfaz plaster factory
439	2001	LG chemical	LG chemical SM factory
440	2001	Hwa- Seung paper	Hwa- Seung paper boiler
441	2001	Doosan heavy industries	Doosan heavy industry electric furnace
442	2000	Korea district heating Corp.	Chungju power plant
443	1998 - 2000	Korea electric power Corp. and other site developer	Korea electric power Corp. Taeon thermal power plant and Other 31 projects

System Integration for Other Infrastructures

NO	YEAR	OWNER	PROJECT
1	2014	SK Construcion	Pohang Sewer BTL(09) System
2	2014	SK Construcion	Pohang Sewer BTL(09) Mechanical
3	2014	SK Construcion	Pohang Sewer BTL(09) System
4	2014	Greentech I & C	Yeosu Sewer BTL
5	2014	Samsung CNT	Yangpyeong rehabilitation hospital Automatic Control work.
6	2014	Kolon & Solution	Jecheon Sewer BTL
7	2014	Taeyoung	Guri, Sutaekdong Regional housing cooperatives Apartment
8	2014	KDC	Ssaemangeum CSO
9	2014	Farmsco Co., Ltd.	Farmsco Hypork Icheon Factory
10	2013	Yeosu city	Yeosu sewer main pipe BTL work
11	2013	Busan regional construction management administration	Nakdong river redevelopment # 24
12	2013	Korea water resource Corp.	Gongju inverter maintenance
13	2012	Daejeon regional construction management administration	Guem river redevelopment #7 site
14	2012	Busan regional construction management administration	Nakdong river rede-velopent # 24 site
15	2012	Busan regional construction management administration	Nakdong river rede-velopent # 20
16	2012	Daejeon regional construction management administration	Guem river redevelopment #7 site
17	2012	Seoul metro	Hanyang univ station
18	2012	Daejeon regional construction management administration	Guem river redevelopment #7 site
19	2012	Yeosu city	Yeosu sewer main pipe BTL work
20	2012	Busan regional construction management administration	Nakdong river rede-velopent # 24 site
21	2012	Busan regional construction management administration	Nakdong river rede-velopent # 24 site
22	2012	Busan regional construction management administration	Nakdong river rede-velopent # 24 site
23	2012	Daejeon regional construction management administration	Guem river redevelopment #7 site
24	2012	Daejeon regional construction management administration	Guem river redevelopment #7 site
25	2012	Daejeon regional construction management administration	Guem river redevelopment #7 site
26	2012	Busan regional construction management administration	Nakdong river rede-velopent # 24 site
27	2011	Busan regional construction management administration	Nakdong river rede-velopent # 20 site
28	2011	Yeosu city	Yeosu expo landscape and lighting work
29	2011	lksan regional construction management administration	Yeongsang river redevelopment
30	2011	Busan regional construction management administration	Nakdong river rede-velopent # 20 site
31	2011	Korea water resource Corp.	Nakdong river revitalizing project area 20(Seongju, Chilgok district)
32	2011	Organizing committee of 2012 Yeosu international exhibition	Yeosu expo lighting control business
33	2010	Korea water resource Corp.	Installation of Giwater way 6th area
34	2010	Korea water resource Corp.	Installation of Giwater way 6th area
35	2010	Daejeon regional construction management administration	Guem river revitalizing project area 7(Gongju district)
36	2010	Daejeon regional construction management administration	Guem river revitalizing project area 7(Gongju district)
37	2010	Busan regional construction management administration	Nakdong river revitalizing project area 24(Seongju, Chilgok district)
38	2010	Busan regional construction management administration	Nakdong river revitalizing project area 24(Seongju, Chilgok district)
39	2010	Daejeon regional construction management administration	Guem river revitalizing project area 6(Gongju district)



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Driving Training Solutions

NO	YEAR	OWNER	TRAINING
1	2008	Korea Transportation Safety Authority	Traffic Safety Education Center (Vehicle Driving Training Course for Risk Mitigation)

Maintenance & Spare Part (Infrastructure + Plant)

NO	YEAR	OWNER	PROJECT
1	2012	Korea Expressway Corp.	Gal Ryeong tunnel spare part
2	2012	Korea Expressway Corp.	Janghun - Gwangyang #9 site spare part
3	2001~2011	Site owner	Maintenance control of road & tunnel spare part
4	2001~2011	Site owner	Plant maintenance control spare part

Construction of Metro ESP, PSD

NO	YEAR	OWNER	PROJECT
1	2014	Daegu Metro	ESP at Wolchom Station
2	2011	Seoul metro	ESP at Kunkook Univ. Station
3	2011	Daegu Metro	ESP at Wolbae Station
4	2011	Korea Railroad Corp.	PSD at Daebang Station
5	2011	Korea Railroad Corp.	ESP at Ichon Station
6	2011	Korea Railroad Corp.	PSD at Indeokwon Station
7	2011	Korea Railroad Corp.	PSD at Beomgye Station
8	2011	Korea Railroad Corp.	PSD at Dogok Station
9	2011	Korea Railroad Corp.	PSD at Juan Station
10	2010	Korea Railroad Corp.	PSD at Sunlleong Station
11	2010	Korea Railroad Corp.	PSD at Seohyun Station
12	2010	Korea Railroad Corp.	PSD at Suwon Station
13	2010	Korea Railroad Corp.	PSD at Anyang Station
14	2010	Korea Railroad Corp.	PSD at Yongsan Station
15	2010	Korea Railroad Corp.	PSD at Yoengdungpo Station
16	2010	Korea Railroad Corp.	PSD at Sindorim Station
17	2010	Korea Railroad Corp.	PSD at Guro Station
18	2010	Korea Railroad Corp.	PSD at Bupyung Station
19	2010	Korea Railroad Corp.	PSD at Gasan Digital Station
20	2005	Incheon Metro	PSD at Incheon Kyeyang Station

Renewable Energy Area

NO	YEAR	OWNER	PROJECT
1	2014	Farmsco Corp.	Ichon farmsco farm solar power plant(3.0MW)
2	2014	Daesung stockbreeding farming	Jeungpyeong daesung stockbreeding solar power plant(2.5MW)
3	2014	Farmsco Corp.	Nonsan bongdong solar power plant(2.3MW)
4	2014	Farmsco Corp.	lksan bongdong solar power plant(728KW)
5	2014	Farmsco Corp.	Seongjoo highfarm solar power plant(680KW)
6	2013	Korea western corporation Co., Ltd. & Shinsung solar energy	Daegu sewage treatment plant(Sincheon, Bukbu) and solar energy generator installation construction(Capacity : 1.7MW)
7	2012	Shinsung solar energy	Nexen tyre changnyeong plant solar energy generator facilities construction(Capacity : 2,985KW)
8	2012	Shinsung solar energy	Solar energy generator installation construction in 13 middle schools Haman Gyeongsangnamdo(Capacity : 3MW)
9	2009	Shinsung solar energy	Seochang junction solar energy generator Facilities construction(Capacity : 1MW)

Plant Business Area

NO	YEAR	OWNER	PROJECT
1	2011	SK E&C	Yeongdo Bukhang bridge CCTV facilities construction
2	2011	SK E&C	Eumseong-Chungju CCTV facilities construction
3	2009	Kumgang electric	Sucheon tunnel electrical construction
4	2009	Korea signal corporation	Gamcheon tunnel electrical construction
5	2009	Korea signal corporation	Gamcheon tunnel fire fighting construction
6	2009	Kumgang electric	Gwangyanghang bridge landscape lighting Control system
7	2009	Kumgang electric	Cheolsongjang #2 electrical incoming lines construction
8	2009	SK E&C	Electrical and control measurement Construction of Gimhae city sewage pipe facilities

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Overseas Projects

NO	YEAR	OWNER	PROJECT	STAGE
1	2014	Makkah Municipality	Electrical & Mechanical Works for the Suk Saghir Tunnel, Makkah, KSA	Completed
2	2014	Makkah Municipality	Electrical & Mechanical Works for the Bir Balilah Tunnel, Makkah, KSA	Completed
3	2014	Makkah Municipality	Electrical & Mechanical Works for the Assulaimanyah Tunnel, Makkah, KSA	Completed
4	2014	Makkah Municipality	Operation & Maintenance of 39 Tunnels in Makkah, KSA	On-going
5	2014	Makkah Municipality	Operation & Maintenance of 18 Tunnels in Makkah, KSA	On-going
6	2014	Rio de Janeiro Municipality	Engineering Works for Feasibility Study of the Rehabilitation and Operation & Maintenance of 17 Tunnels Project, Rio de Janeiro, Brazil	On-going
7	2014	Avrasiya JV	Electromechanical Works for Eurasia (Istanbul Strait) Tunnel Project, Istanbul, Turkey	Bidding
8	2014	General Mechanic Co.	MEP Works for Diftah-Shis Road Tunnel Project, Sharjah, UAE	Bidding
9	2014	Makkah Municipality	Refurbishment of King Abdul Aziz Tunnel, Makkah, KSA	Bidding
10	2014	Makkah Municipality	Integration of 6 Road Tunnels in Makkah, KSA	Bidding
11	2014	Makkah Municipality	Construction of Vacuum Waste Collection System in Makkah, KSA	Bidding
12	2014	Sao Paulo Metro	Ventilation System Engineering for Sao Paulo Metro, Sao Paulo, Brazil	Bidding
13	2014	Rio Metro	Electromechanical Works for Rio Metro Line 4, Rio de Janeiro, Brazil	Bidding
14	2014	KOGAS	Pioneer Camp Construction at Akkas Oil&Gas Field, Akkas, Iraq	Bidding
15	2014	Algeria ANAA CCPP	Instruments and Process Control systems(CEMS), Algeria	On-going
16	2014	Algeria AMOS CCPP	Instruments and Process Control systems(CEMS), Algeria	On-going
17	2014	KIE System	Linear Alkyl Benzene in Thailand	On-going
18	2014	Algeria Biskra SCPP	Instruments and Process Control systems(CEMS), Algeria	On-going
19	2014	Hatinh Steel Mill HSM	Instruments and Process Control systems(EP)	On-going
20	2014	Thaibinll Thermal Power Plant	Instruments and Process Control systems(SCR)	On-going
21	2013	Chile CCR	Instruments and Process Control systems(CEMS), Chile	On-going
22	2013	INCS	Instruments and Process Control systems(DUST&FLOW), Indonesia	On-going
23	2013	Brazil CSP	Instruments and Process Control systems(SinteringESP Dust), Brazil	On-going
24	2013	Brazil CSP	Instruments and Process Control systems(SinteringBag filter dust), Brazil	On-going
25	2013	Prai Power Plant	Instruments and Process Control systems(CEMS), Malaysia	On-going
26	2013	Takoradi Power Plant	Instruments and Process Control systems(CEMS), Ghana	On-going
27	2013	Termotasajero CFPP	Instruments and Process Control systems(CEMS), Colombia	On-going
28	2012	Maden Power Plant	Instruments and Process Control systems(FGD), Turkey	Completed
29	2012	Yanbu Power Plant	Instruments and Process Control systems(EP), KSA	Completed
30	2012	MongDung Power Plant	Instruments and Process Control systems(EP), Vietnam	Completed
31	2012	Qurayyah PP11	Instruments and Process Control systems(CEMS), KSA	Completed
32	2012	Yanbu II Power Plant	Instruments and Process Control systems(SCR), KSA	Completed
33	2012	MongDung Power Plant	Instruments and Process Control systems(CEMS), Vietnam	Completed
34	2012	Muhhraq Power Plant	Instruments and Process Control systems(CEMS), Bahrain	Completed
35	2012	Yanbu II Power Plant	Instruments and Process Control systems(FGD&CEMS), KSA	Completed
36	2012	Rutenberg	Instruments and Process Control systems(FGD&CEMS), Israel	Completed

Overseas Projects

NO	YEAR	OWNER	PROJECT	STAGE
37	2012	Orot Rabin	Instruments and Process Control systems(FGD&CEMS), Israel	Completed
38	2012	Nghi Son Power Plant	Instruments and Process Control systems(EP), Vietnam	Completed
39	2011	Rahigh Power Plant	Instruments and Process Control systems(EP), KSA	Completed
40	2011	Raipure Power Plant	Instruments and Process Control systems(EP), India	Completed
41	2011	Panama Power Plant	Instruments and Process Control systems(CEMS), Panama	Completed
42	2011	Rahigh Power Plant	Instruments and Process Control systems(CEMS), KSA	Completed
43	2011	Raipure Power Plant	Instruments and Process Control systems(CEMS), India	Completed
44	2011	Saudi Marafiq	Instruments and Process Control systems(CEMS), KSA	Completed
45	2010	Saudi Marafiq	Instruments and Process Control systems(SCR), KSA	Completed
46	2009	Thailand Gheco	Instruments and Process Control systems(CEMS), Thailand	Completed
47	2009	Thailand Gheco	Instruments and Process Control systems(DE SOX), Thailand	Completed
48	2009	Thailand Gheco	Instruments and Process Control systems(DE NOX), Thailand	Completed
49	2009	Al-Durr IWPP	Instruments and Process Control systems, Bahrain	Completed
50	2009	Al Khalij Power Plant	Instruments and Process Control systems(CEMS), Libya	Completed
51	2009	Taiwan Hsinta	Instruments and Process Control systems(Nox), Taiwan	Completed
52	2009	Taiwan Hsinta	Instruments and Process Control systems(NH3), Taiwan	Completed
53	2008	Yerevan Power Plant	Instruments and Process Control systems, Armenia	Completed
54	2008	Angamos Power Plant	Instruments and Process Control systems(FGD), Chile	Completed
55	2008	Campiche Power Plant	Instruments and Process Control systems(CEMS), Chile	Completed
56	2008	Mundra Power Plant	Instruments and Process Control systems(EP), India	Completed
57	2008	Sarir Power Plant	Instruments and Process Control systems(CEMS), Libya	Completed
58	2008	Nueva Power Plant	Instruments and Process Control systems, Chile	Completed
59	2008	Thailand GLOW	Instruments and Process Control systems, Thailand	Completed
60	2008	Nueva Power Plant	Instruments and Process Control systems(FGD), Chile	Completed
61	2007	Nueva Power Plant	Instruments and Process Control systems(CEMS), Chile	Completed
62	2005	China Taisan	Instruments and Process Control systems, China	Completed
63	2004	Saudi Aramco	Instruments and Process Control systems, KSA	Completed
64	2004	Saudi Aramco	Instruments and Process Control systems(CEMS), KSA	Completed
65	2003	Indonesia Muara	Instruments and Process Control systems, Indonesia	Completed
66	2001	Tavazon Iron works	Instruments and Process Control systems(CEMS), Iran	Completed



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Operation & Maintenance of Tunnels

NO	YEAR	OWNER	PROJECT
1	2015	Korea Expressway Corporation	Yuksimnyeong and other 7 tunnels
2	2015	Korea Expressway Corporation	Jungnyeong and other 10 tunnels
3	2015	Korea Expressway Corporation	Dunnae and other 24 tunnels
4	2015	Korea Expressway Corporation	Maseong and other 33 tunnels
5	2015	Korea Expressway Corporation	Mojjae and other 25 tunnels
6	2015	Korea Expressway Corporation	Okcheon3 and other 3 tunnels
7	2014	Seoul Expressway Corporation	Nogosan1 and other 3 tunnels
8	2014	Seoul Expressway Corporation	Nogosan1 and other 3 tunnels
9	2014	Korea Expressway Corporation	Jungnyeong and other 10 tunnels
10	2014	Korea Expressway Corporation	Mojjae and other 25 tunnels
11	2014	Korea Expressway Corporation	Yuksimnyeong and other 7 tunnels
12	2014	Korea Expressway Corporation	Okcheon3 and other 3 tunnels
13	2014	Korea Expressway Corporation	Dunnae and other 24 tunnels
14	2014	Korea Expressway Corporation	Maseong and other 33 tunnels
15	2013	Korea Expressway Corporation	Gangjin3 and other 8 tunnels
16	2013	Korea Expressway Corporation	Changwon1 and other 7 tunnels
17	2013	Korea Expressway Corporation	Jungnyeong and other 10 tunnels
18	2013	Korea Expressway Corporation	Okcheon3 and other 5 tunnels
19	2013	Korea Expressway Corporation	Dunnae and other 17 tunnels
20	2013	Korea Expressway Corporation	Suri and other 8 tunnels
21	2012	Korea Expressway Corporation	Gangjin3 and other 8 tunnels
22	2012	Korea Expressway Corporation	Okcheon3 and other 5 tunnels
23	2012	Korea Expressway Corporation	Changwon1 and other 10 tunnels
24	2012	Korea Expressway Corporation	Jungnyeong and other 10 tunnels
25	2012	Korea Expressway Corporation	Jangseong 2 and other 6 tunnels
26	2012	Korea Expressway Corporation	Dunnae and other 17 tunnels
27	2012	Korea Expressway Corporation	Suri and other 2 tunnels
28	2011	Korea Expressway Corporation	Changwon1 and other 6 tunnels
29	2011	Korea Expressway Corporation	Jungnyeong and other 10 tunnels
30	2011	Korea Expressway Corporation	Jangseong 2, 3 and other 7 tunnels
31	2011	Korea Expressway Corporation	Okcheon3 and other 5 tunnels
32	2011	Korea Expressway Corporation	Dunnae and other 9 tunnels
33	2010	Korea Expressway Corporation	Changwon1 and other 6 tunnels
34	2010	Korea Expressway Corporation	Jungnyeong and other 10 tunnels
35	2010	Korea Expressway Corporation	Jangseong 2, 3 and other 7 tunnels
36	2010	Korea Expressway Corporation	Okcheon3 and other 5 tunnels
37	2010	Korea Expressway Corporation	Dunnae and other 9 tunnels
38	2010	Korea Expressway Corporation	Suri and other 2 tunnels

Operation & Maintenance of Tunnels

NO	YEAR	OWNER	PROJECT
39	2009	Korea Expressway Corporation	Changwon1 and other 6 tunnels
40	2009	Korea Expressway Corporation	Dabu and other 8 tunnels
41	2009	Korea Expressway Corporation	Yuksimnyeong and other 2 tunnels
42	2009	Korea Expressway Corporation	Dunnae and other 9 tunnels
43	2009	Korea Expressway Corporation	Suri and other 2 tunnels
44	2008	Korea Expressway Corporation	Wachon and other 8 tunnels
45	2008	Korea Expressway Corporation	Changwon1 and other 6 tunnels
46	2008	Korea Expressway Corporation	Yuksimnyeong and other 2 tunnels
47	2008	Korea Expressway Corporation	Dunnae and other 9 tunnels
48	2007	Korea Expressway Corporation	Wachon and other 8 tunnels
49	2007	Korea Expressway Corporation	Dunnae and other 4 tunnels
50	2005	Automatic Control and Measurement Facilities Operation and Maintenance	Seoul Metropolitan Facilities Management Corporation
51	2005	Korea Expressway Corporation	Jinbu1 Tunnel Dust Collection Facilities Operation and Maintenance
52	2005	Korea Expressway Corporation	Dunnae and Jinbu1 Tunnels Automatic Fire Detection System Facilities Operation and Maintenance
52	2005	Korea Expressway Corporation	Dunnae, Bongpyeong and Jinbu1 Tunnels Automatic Control and Measurement Facilities Operation and Maintenance

TRACK RECORD

Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
1	2015-2016	Samsung Electronics(Boiler, Incinerator)
2	2015-2016	CAPRO Corp.
3	2015-2016	Dongil Industry Corp.
4	2015-2016	KC Hanmi Industry
5	2015-2016	Jinhae Incineration Plant
6	2015-2016	Samsung E&M
7	2015-2016	Dongkuk Industries Corp.
8	2015-2016	Hanjae Co., Ltd.
9	2015-2016	Green Gongju Co., Ltd.
10	2015	SK Hynix
11	2015	Greensco
12	2015	Dongil Industry Corp.
13	2015	Doosan Heavy Industries & Construction Corp.
14	2015	AJIN P&P
15	2015	Samsung Heavy Industries Corp.
16	2015	Dongbu Special Steel Corp.
17	2015	Yangsan Incineration Plant
18	2015	Georim Corp.
19	2015	Arim Environment
20	2015	Hyosung Corp. Eonyang Factory
21	2015	Daeho P&C
22	2015	ManoPlan Inc.
23	2015	Sangju Incineration Plant
24	2015	Kumho Cogeneration Plant #2
25	2015	Bo Water Korea
26	2015	Hansol Paper Tech
27	2015	UNID
28	2015	Haneul & Energy
29	2015	KC Eco Energy
30	2015	LOTTE Nestle(Korea) Co., Ltd.
31	2015	Hansol Paper/Hansol EME
32	2015	Dajeon Incineration Plant
33	2015	Daewon Eco Green Co., Ltd.
34	2015	Cheongju Incineration Plant
35	2014-2016	Hanwha Chemical Co., Ltd.
36	2014-2016	Jeonju Paper Corp.
37	2014-2016	Hanwha Chemical Co., Ltd.
38	2014-2016	Jeonju Paper Corp.

NO	PERIOD	OWNER   PROJECT
39	2014-2015	Sunglim Oil & Chemical
40	2014-2015	Yongin District Heating Corp.
41	2014-2015	Incheon Total Energy Company
42	2014-2015	ACE Bed(Yeouju)
43	2014-2015	Samsung Electronics(Boiler, Incinerator)
44	2014-2015	Samsung Medical
45	2014-2015	CAPRO Corp.
46	2014-2015	Tatal Corp.
47	2014-2015	SIMPAC Metalloy Corp.
48	2014-2015	Dongil Industry Corp.
49	2014-2015	Changwon Enertech Corp.
50	2014-2015	LG Hausys Corp.
51	2014-2015	Wolsan Corp.
52	2014-2015	Busan Fashion Color Industry Cooperative
53	2014-2015	KC Hanmi Industry
54	2014-2015	Jinhae Incineration Plant
55	2014-2015	Dongsuh Food Corp.
56	2014-2015	Neven Yeongcheon Corp.
57	2014-2015	Dongkuk Industries Corp.
58	2014-2015	Boral Bricks
59	2014-2015	Gyeongju Incineration Plant
60	2014-2015	Busan RFD
61	2014-2015	Myongsung Environment Co., Ltd.
62	2014-2015	PJ Metal Co., Ltd.
63	2014-2015	Hansol Homedeco Corp.
64	2014-2015	Chunil Paper
65	2014-2015	seAH Besteel
66	2014-2015	OCI Corp.
67	2014-2015	LG Chemical Chemical(Cheongju)
68	2014-2015	LOTTE Nestle(Korea) Co., Ltd.
69	2014-2015	ACE Bed
70	2014-2015	Hyundai Green Power Co., Ltd.
71	2014-2015	Dongbu Steel
72	2014-2015	Green Gongju Co., Ltd.
73	2014-2015	Asan Energy Co., Ltd.
74	2014-2015	Bugok Combined Cycle Power Plan #3
75	2014-2015	Hyundai Steel Co., Ltd.
76	2014-2015	Sunglim Oil & Chemical

NO	PERIOD	OWNER   PROJECT
77	2014-2015	Yongin District Heating Corp.
78	2014-2015	Incheon Total Energy Company
79	2014-2015	ACE Bed(Yeouju)
80	2014-2015	Samsung Medical
81	2014-2015	Tatal Corp.
82	2014-2015	SIMPAC Metalloy Corp.
83	2014-2015	Changwon Enertech Corp.
84	2014-2015	LG Hausys Corp.
85	2014-2015	Wolsan Corp.
86	2014-2015	Busan Fashion Color Industry Cooperative
87	2014-2015	Dongsuh Food Corp.
88	2014-2015	Neven Yeongcheon Corp.
89	2014-2015	Boral Bricks
90	2014-2015	Gyeongju Incineration Plant
91	2014-2015	Busan RFD
92	2014-2015	Myongsung Environment Co., Ltd.
93	2014-2015	PJ Metal Co., Ltd.
94	2014-2015	Hansol Homedeco Corp.
95	2014-2015	Chunil Paper
96	2014-2015	seAH Besteel
97	2014-2015	OCI Corp.
98	2014-2015	LG Chemical Chemical(Cheongju)
99	2014-2015	ACE Bed
100	2014-2015	Hyundai Green Power Co., Ltd.
101	2014-2015	Dongbu Steel
102	2014-2015	Asan Energy Co., Ltd.
103	2014-2015	Bugok Combined Cycle Power Plan #3
104	2014-2015	Hyundai Steel Co., Ltd.
105	2014	VINOTEC Co., Ltd.
106	2014	Daejang-Dong Incineration Plant(Wooju Envitech Inc.)
107	2014	Ansung Incineration Plant(Halla Energy & Environment)
108	2014	Incheon Nambu Incineration Plant(Environmental Corp. of Incheon)
109	2014	SK Hynix
110	2014	Kwangwon Lmber Corp.
111	2014	Greensco
112	2014	Dongil Industry Corp.
113	2014	Doosan Heavy Industries & Construction Corp.
114	2014	AJIN P&P

Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
115	2014	Samsung Heavy Industries Corp.
116	2014	Dongbu Special Steel Corp.
117	2014	Yangsan Incineration Plant
118	2014	Georim Corp.
119	2014	Arim Environment
120	2014	Hyosung Corp. Eonyang Factory
121	2014	Daeho P&C
122	2014	ManoPlan Inc.
123	2014	Sangju Incineration Plant
124	2014	Kumho Cogeneration Plant #2
125	2014	Bo Water Korea
126	2014	Gwangju Incineration Plant
127	2014	UNID
128	2014	Haneul & Energy
129	2014	KC Eco Energy
130	2014	Hansol Paper/Hansol EME
131	2014	Dajeon Incineration Plant
132	2014	Daewon Eco Green Co., Ltd.
133	2014	Cheongju Incineration Plant
134	2013-2014	Sunglim Oil & Chemical Co., Ltd.
135	2013-2014	Samyang Genex
136	2013-2014	Suwon District Heating Corporation
137	2013-2014	Vinotec
138	2013-2014	Yongin District Heating Corporation
139	2013-2014	Incheon Total Energy Company
140	2013-2014	Ace Bed
141	2013-2014	Samsung Electronics Suwon
142	2013-2014	Dongwoo Fine-Chem
143	2013-2014	Pocheon Incineration Plant
144	2013-2014	Dong Hwa Industrial Co., Ltd.
145	2013-2014	Hwaseong District Heating Corporation
146	2013-2014	Southeast District Heating Corporation
147	2013-2014	Kwagwon Lumber
148	2013-2014	Samsung Seoul Hospital
149	2013-2014	FORESCO
150	2013-2014	Pangyo District Heating Corporation
151	2013-2014	Capro
152	2013-2014	Total Co., Ltd.



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Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
153	2013-2014	SIMPAC Metalloy
154	2013-2014	Dongil Co., Ltd.
155	2013-2014	Hansol Yeongnam
156	2013-2014	LG Hausys
157	2013-2014	Wolsan
158	2013-2014	Busan Fashion Center
159	2013-2014	KC Industry Co., Ltd.
160	2013-2014	Jinhae Incineration Plant
161	2013-2014	Dongsuh Companies Inc.
162	2013-2014	Neven Yeongcheon
163	2013-2014	Samsung Electro-Mechanics Busan
164	2013-2014	Dongkuk Industries
165	2013-2014	Boral Korea Co., Ltd.
166	2013-2014	Kyungju Incineration Plant
167	2013-2014	Busan RDF
168	2013-2014	PJ Metal Co., Ltd.
169	2013-2014	Asiara Tech Co., Ltd.
170	2013-2014	Hansolhomedeco Co., Ltd.
171	2013-2014	Chunil Paper Corporation
172	2013-2014	SeAH Besteel
173	2013-2014	OCI Gunsan
174	2013-2014	LG Chemical Cheongju
175	2013-2014	Nestle Korea
176	2013-2014	Ace Bed Co., Ltd.
177	2013-2014	Hyundai Green Power
178	2013-2014	Dongbu Steel Dangjin
179	2013-2014	Green Gongju Co., Ltd.
180	2013-2014	Asan Energy Co., Ltd.
181	2013-2014	Thermal Power Plant 1, 2
182	2013-2014	Hyundai Hysco
183	2012-2014	Mapo District Heating Corporation
184	2012-2014	Myeong Seong Environment Co., Ltd.
185	2012-2014	Jeonju Paper
186	2012-2013	Paju District Heating Corporation
187	2012-2013	Samsung District Heating Corporation
188	2012-2013	Gwanggyo District Heating Corporation
189	2012-2013	Doosan Electronic Jeungpyeong Plant
190	2012-2013	Sunglim Oil & Chemical Co., Ltd.

NO	PERIOD	OWNER   PROJECT
191	2012-2013	Samyang Genex
192	2012-2013	Suwon District Heating Corporation
193	2012-2013	Vinotec
194	2012-2013	Yongin District Heating Corporation
195	2012-2013	Incheon Total Energy Company
196	2012-2013	Ace Bed
197	2012-2013	Samsung Electronics Suwon
198	2012-2013	Eongwoo Fine-Chem
199	2012-2013	Pocheon Incineration Plant
200	2012-2013	Dong Hwa Co., Ltd. Plant 1, 2
201	2012-2013	Hwaseong District Heating Corporation
202	2012-2013	Southeast District Heating Corporation
203	2012-2013	Pangyo Incineration Plant
204	2012-2013	Kwagwon Lumber
205	2012-2013	Samsung Seoul Hospital
206	2012-2013	FORESCO
207	2012-2013	Pangyo District Heating Corporation
208	2012-2013	Paju District Heating Corporation
209	2012-2013	Samsung District Heating Corporation
210	2012-2013	Gwanggyo District Heating Corporation
211	2012-2013	Capro
212	2012-2013	Hansol Dongbu
213	2012-2013	SIMPAC Metalloy
214	2012-2013	Dongil Co., Ltd.
215	2012-2013	Hansol Yeongnam
216	2012-2013	LG Hausys
217	2012-2013	Wolsan
218	2012-2013	Busan Fashion Center
219	2012-2013	KC Industry Co., Ltd.
220	2012-2013	Jinhae Incineration Plant
221	2012-2013	Dongsuh Companies Inc.
222	2012-2013	Neven Yeongcheon
223	2012-2013	Dongkuk Industries
224	2012-2013	Boral Korea Co., Ltd.
225	2012-2013	PJ Metal Co., Ltd.
226	2012-2013	Asiara Tech Co., Ltd.
227	2012-2013	Hansolhomedeco Co., Ltd.
228	2012-2013	Chunil Paper Corporation

Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
229	2012-2013	SeAH Besteel
230	2012-2013	OCI Gunsan
231	2012-2013	LG Chemical Cheongju
232	2012-2013	Nestle Korea
233	2012-2013	Ace Bed Co., Ltd.
234	2012-2013	Doosan Electronic Jeungpyeong Plant
235	2012-2013	Hyundai Green Power
236	2012-2013	Dongbu Steel Dangjin
237	2012-2013	Green Gongju Co., Ltd.
238	2012-2013	Asan Energy Co., Ltd.
239	2013	Daejang Bucheon Incineration Plant
240	2013	Ansung Incineration Plant
241	2013	Incheon Nambu Incineration Plant
242	2013	Dongbu Steel
243	2013	SK Hynix
244	2013	Pangyo Incineration Plant
245	2013	GREENSCO
246	2013	NC Yangsan
247	2013	Dongil Co., Ltd.
248	2013	Doosan Heavy Industries & Construction
249	2013	AJin P&P
250	2013	Samsung Heavy Industrirs Co., Ltd.
251	2013	Dongbu Special Steel Pohang Plant
252	2013	Yangsan Incineration Plant
253	2013	GEORIMTECH Co., Ltd.
254	2013	Arim Co., Ltd.
255	2013	Hyosung Enoyang Plant
256	2013	Daeho P&C
257	2013	Manoplan Co., Ltd.
258	2013	Sangju Incineration Plant
259	2013	Bowater Korea Co., Ltd.
260	2013	Gwangju Sangmu Incineration Plant
261	2013	UNID
262	2013	Sky & Energy
263	2013	KC Honam Environment
264	2013	Hansol Paper/Hansol EME
265	2013	Daejeon Incineration Plant
266	2013	Daewon Eco Green Co., Ltd.

NO	PERIOD	OWNER   PROJECT
267	2013	Cheongju Incineration Plant
268	2012	KG Chemical
269	2012	Daejang Bucheon Incineration Plant
270	2012	Ansung Incineration Plant
271	2012	Incheon Nambu Incineration Plant
272	2012	Dongbu Steel
273	2012	SK Hynix
274	2012	GREENSCO
275	2012	NC Ulsan
276	2012	NC Yangsan
277	2012	Dongil Co., Ltd.
278	2012	Doosan Heavy Industries & Construction
279	2012	AJin P&P
280	2012	Samsung Heavy Industrirs Co., Ltd.
281	2012	Samsung Electro-Mechanics Busan
282	2012	Wooseok Environment Co., Ltd.
283	2012	Dongbu Special Steel Pohang Plant
284	2012	Yangsan Incineration Plant POSCO E&C
285	2012	GEORIMTECH Co., Ltd.
286	2012	Arim Co., Ltd.
287	2012	Hyosung Enoyang Plant
288	2012	Daeho P&C
289	2012	Manoplan Co., Ltd.
290	2012	Kumho Cogeneration Plant 2
291	2012	Bowater Korea Co., Ltd.
292	2012	Gwangju Sangmu Incineration Plant
293	2012	UNID
294	2012	Sky & Energy
295	2012	KC Honam Environment
296	2012	Hansol Paper/Hansol EME
297	2012	Daejeon Incineration Plant
298	2012	New ECO Green Co., Ltd.
299	2012	Cheongju Incineration Plant
300	2012	Samsung Tangjeong
301	2011-2012	KG Chemical
302	2011-2012	Sunglim Oil & Chemical
303	2011-2012	Samyang Genex
304	2011-2012	Suwon District Heating Corporation

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Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
153	2013-2014	SIMPAC Metalloy
154	2013-2014	Dongil Co., Ltd.
155	2013-2014	Hansol Yeongnam
156	2013-2014	LG Hausys
157	2013-2014	Wolsan
158	2013-2014	Busan Fashion Center
159	2013-2014	KC Industry Co., Ltd.
160	2013-2014	Jinhae Incineration Plant
161	2013-2014	Dongsuh Companies Inc.
162	2013-2014	Neven Yeongcheon
163	2013-2014	Samsung Electro-Mechanics Busan
164	2013-2014	Dongkuk Industries
165	2013-2014	Boral Korea Co., Ltd.
166	2013-2014	Kyungju Incineration Plant
167	2013-2014	Busan RDF
168	2013-2014	PJ Metal Co., Ltd.
169	2013-2014	Asiara Tech Co., Ltd.
170	2013-2014	Hansolhomedeco Co., Ltd.
171	2013-2014	Chunil Paper Corporation
172	2013-2014	SeAH Besteel
173	2013-2014	OCI Gunsan
174	2013-2014	LG Chemical Cheongju
175	2013-2014	Nestle Korea
176	2013-2014	Ace Bed Co., Ltd.
177	2013-2014	Hyundai Green Power
178	2013-2014	Dongbu Steel Dangjin
179	2013-2014	Green Gongju Co., Ltd.
180	2013-2014	Asan Energy Co., Ltd.
181	2013-2014	Thermal Power Plant 1, 2
182	2013-2014	Hyundai Hysco
183	2012-2014	Mapo District Heating Corporation
184	2012-2014	Myeong Seong Environment Co., Ltd.
185	2012-2014	Jeonju Paper
186	2012-2013	Paju District Heating Corporation
187	2012-2013	Samsong District Heating Corporation
188	2012-2013	Gwanggyo District Heating Corporation
189	2012-2013	Doosan Electronic Jeungpyeong Plant
190	2012-2013	Sunglim Oil & Chemical Co., Ltd.

NO	PERIOD	OWNER   PROJECT
191	2012-2013	Samyang Genex
192	2012-2013	Suwon District Heating Corporation
193	2012-2013	Vinotec
194	2012-2013	Yongin District Heating Corporation
195	2012-2013	Incheon Total Energy Company
196	2012-2013	Ace Bed
197	2012-2013	Samsung Electronics Suwon
198	2012-2013	Eongwoo Fine-Chem
199	2012-2013	Pocheon Incineration Plant
200	2012-2013	Dong Hwa Co., Ltd. Plant 1, 2
201	2012-2013	Hwaseong District Heating Corporation
202	2012-2013	Southeast District Heating Corporation
203	2012-2013	Pangyo Incineration Plant
204	2012-2013	Kwagwon Lumber
205	2012-2013	Samsung Seoul Hospital
206	2012-2013	FORESCO
207	2012-2013	Pangyo District Heating Corporation
208	2012-2013	Paju District Heating Corporation
209	2012-2013	Samsong District Heating Corporation
210	2012-2013	Gwanggyo District Heating Corporation
211	2012-2013	Capro
212	2012-2013	Hansol Dongbu
213	2012-2013	SIMPAC Metalloy
214	2012-2013	Dongil Co., Ltd.
215	2012-2013	Hansol Yeongnam
216	2012-2013	LG Hausys
217	2012-2013	Wolsan
218	2012-2013	Busan Fashion Center
219	2012-2013	KC Industry Co., Ltd.
220	2012-2013	Jinhae Incineration Plant
221	2012-2013	Dongsuh Companies Inc.
222	2012-2013	Neven Yeongcheon
223	2012-2013	Dongkuk Industries
224	2012-2013	Boral Korea Co., Ltd.
225	2012-2013	PJ Metal Co., Ltd.
226	2012-2013	Asiara Tech Co., Ltd.
227	2012-2013	Hansolhomedeco Co., Ltd.
228	2012-2013	Chunil Paper Corporation

Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
229	2012-2013	SeAH Besteel
230	2012-2013	OCI Gunsan
231	2012-2013	LG Chemical Cheongju
232	2012-2013	Nestle Korea
233	2012-2013	Ace Bed Co., Ltd.
234	2012-2013	Doosan Electronic Jeungpyeong Plant
235	2012-2013	Hyundai Green Power
236	2012-2013	Dongbu Steel Dangjin
237	2012-2013	Green Gongju Co., Ltd.
238	2012-2013	Asan Energy Co., Ltd.
239	2013	Daejang Bucheon Incineration Plant
240	2013	Ansung Incineration Plant
241	2013	Incheon Nambu Incineration Plant
242	2013	Dongbu Steel
243	2013	SK Hynix
244	2013	Pangyo Incineration Plant
245	2013	GREENSCO
246	2013	NC Yangsan
247	2013	Dongil Co., Ltd.
248	2013	Doosan Heavy Industries & Construction
249	2013	AJin P&P
250	2013	Samsung Heavy Industrirs Co., Ltd.
251	2013	Dongbu Special Steel Pohang Plant
252	2013	Yangsan Incineration Plant
253	2013	GEORIMTECH Co., Ltd.
254	2013	Arim Co., Ltd.
255	2013	Hyosung Enoyang Plant
256	2013	Daeho P&C
257	2013	Manoplan Co., Ltd.
258	2013	Sangju Incineration Plant
259	2013	Bowater Korea Co., Ltd.
260	2013	Gwangju Sangmu Incineration Plant
261	2013	UNID
262	2013	Sky & Energy
263	2013	KC Honam Environment
264	2013	Hansol Paper/Hansol EME
265	2013	Daejeon Incineration Plant
266	2013	Daewon Eco Green Co., Ltd.

NO	PERIOD	OWNER   PROJECT
267	2013	Cheongju Incineration Plant
268	2012	KG Chemical
269	2012	Daejang Bucheon Incineration Plant
270	2012	Ansung Incineration Plant
271	2012	Incheon Nambu Incineration Plant
272	2012	Dongbu Steel
273	2012	SK Hynix
274	2012	GREENSCO
275	2012	NC Ulsan
276	2012	NC Yangsan
277	2012	Dongil Co., Ltd.
278	2012	Doosan Heavy Industries & Construction
279	2012	AJin P&P
280	2012	Samsung Heavy Industrirs Co., Ltd.
281	2012	Samsung Electro-Mechanics Busan
282	2012	Wooseok Environment Co., Ltd.
283	2012	Dongbu Special Steel Pohang Plant
284	2012	Yangsan Incineration Plant POSCO E&C
285	2012	GEORIMTECH Co., Ltd.
286	2012	Arim Co., Ltd.
287	2012	Hyosung Enoyang Plant
288	2012	Daeho P&C
289	2012	Manoplan Co., Ltd.
290	2012	Kumho Cogeneration Plant 2
291	2012	Bowater Korea Co., Ltd.
292	2012	Gwangju Sangmu Incineration Plant
293	2012	UNID
294	2012	Sky & Energy
295	2012	KC Honam Environment
296	2012	Hansol Paper/Hansol EME
297	2012	Daejeon Incineration Plant
298	2012	New ECO Green Co., Ltd.
299	2012	Cheongju Incineration Plant
300	2012	Samsung Tangjeong
301	2011-2012	KG Chemical
302	2011-2012	Sunglim Oil & Chemical
303	2011-2012	Samyang Genex
304	2011-2012	Suwon District Heating Corporation



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Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
305	2011-2012	VINOTEC
306	2011-2012	Yongin District Heating Corporation
307	2011-2012	DAEWOO E&C
308	2011-2012	CJ CheilJedang Anseong Plant
309	2011-2012	Incheon Total Engergy Company
310	2011-2012	Ace Bed
311	2011-2012	SH Public Corporation(MokDong)
312	2011-2012	SH Public Corporation(NoWon)
313	2011-2012	Dongwoo Fine-Chem
314	2011-2012	Pocheon Incineration Plant
315	2011-2012	Dong Hwa Industrial Co., Ltd.
316	2011-2012	SL Corp.
317	2011-2012	Hwaseong District Heating Corporation
318	2011-2012	Southeast District Heating Corporation
319	2011-2012	Pangyo Incineration Plant
320	2011-2012	Kwagwon Lumber
321	2011-2012	Samsung Seoul Hospital
322	2011-2012	FORESCO
323	2011-2012	Pangyo District Heating Corporation
324	2011-2012	Paju District Heating Corporation
325	2011-2012	Samsong District Heating Corporation
326	2011-2012	Capro
327	2011-2012	Hansol Dongbu
328	2011-2012	SIMPAC metalloy
329	2011-2012	Dongil Co., Ltd.
330	2011-2012	Hansol Yeongnam
331	2011-2012	LG Hausys
332	2011-2012	Busan Fashion Center
333	2011-2012	KC Industry Co., Ltd.
334	2011-2012	Jinhae Incineration Plant
335	2011-2012	Dongsuh Companies Inc.
336	2011-2012	Neven Yeongcheon
337	2011-2012	Dongkuk Industries
338	2011-2012	Lafarge Korea Co., Ltd.
339	2011-2012	Samsung SD
340	2011-2012	Kumho Cogeneration Plant 1
341	2011-2012	PJ Metal Co., Ltd.
342	2011-2012	Asiara Tech Co., Ltd.

NO	PERIOD	OWNER   PROJECT
343	2011-2012	Jeonju Paper
344	2011-2012	Hansolhomedeco Co., Ltd.
345	2011-2012	Chunil Paper Corporation
346	2011-2012	SeAH Besteel
347	2011-2012	OCI Gunsan
348	2011-2012	LG Chemical Cheongju
349	2011-2012	Daejeon Cogeneration Plant
350	2011-2012	Hankook Tire Daejeon
351	2011-2012	Dong Hwa Industrial Co., Ltd.
352	2011-2012	Nestle Korea
353	2011-2012	Ace Bed Co., Ltd.
354	2011-2012	Doosan Electronic Jeungpyeong Plant
355	2011-2012	Egreen Co., Ltd.
356	2011-2012	Hyundai Green Power
357	2011-2012	Dongbu Steel Dangjin
358	2011-2012	Green Gongju Co., Ltd.
359	2011-2012	CJ Cheiljedang Ansan Plant
360	2011-2012	SH Public Corporation(MokDong)
361	2011-2012	SH Public Corporation(NoWon)
362	2011-2012	Sudokwon Landfill Manage Corporation
363	2011-2012	Samsung SDI
364	2011-2012	Kumho Cogeneration Plant 1
365	2011-2012	Daejeon Cogeneration Plant
366	2011-2012	Dong Hwa Industrial Co., Ltd.
367	2011	Anseong Incineration Plant
368	2011	Incheon Nambu Incineration Plant
369	2011	Samsung Electronics Suwon
370	2011	Dongbu Steel
371	2011	SK Hynix Semiconductor Icheon
372	2011	GREENSCO
373	2011	KG ECO Service Korea
374	2011	NC Ulsan
375	2011	Dongil Co., Ltd.
376	2011	Doosan Heavy Industries & Construction
377	2011	Wolsan
378	2011	AJin P&P
379	2011	Samsung Heavy Industrirs Co., Ltd.
380	2011	Samsung Electro-Mechanics Busan

Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
381	2011	Wooseok Environment Co., Ltd.
382	2011	Dongbu Special Steel Pohang Plant
383	2011	Yangsan Incineration Plant POSCO E&C
384	2011	GEORIMTECH Co., Ltd.
385	2011	Kumho Cogeneration Plant 2
386	2011	Bowater Korea Co., Ltd.
387	2011	Gwangju Sangmu Incineration Plant
388	2011	UNID
389	2011	Sky & Energy
390	2011	KC Honam Environment
391	2011	Hankook Tire Geumsan
392	2011	Hansol Paper /Hansol EME
393	2011	Daejeon Incineration Plant
394	2011	Asia Paper Co., Ltd.
395	2011	Samsung Tangjeong
396	2011	Cheongju Incineration Plant
397	2010-2012	Yangju Incinerator
398	2010-2012	Mapo District Heating
399	2010-2012	Myungsung Enviromental
400	2010-2012	Yangju Incineration Plant
401	2010-2012	Mapo District Heating Corporation
402	2010-2012	Myeong Seong Environment Co., Ltd.
403	2010-2012	Yangju Incineration Plant
404	2010-2011	Seonglim Oil Co., Ltd.
405	2010-2011	Samyang Genex Co., Ltd.
406	2010-2011	Suwon District Heating
407	2010-2011	Vinotec Co., Ltd.
408	2010-2011	Yongin District Heating
409	2010-2011	Daewoo Construction
410	2010-2011	New Orient CP
411	2010-2011	Incheon Energy
412	2010-2011	SH Corporation
413	2010-2011	SH Corporation
414	2010-2011	Dongwoo Fine Chemical
415	2010-2011	Pochun Incinerator
416	2010-2011	Eco Energy Holdings
417	2010-2011	Hwasung District Heating
418	2010-2011	Southeast District Heating

NO	PERIOD	OWNER   PROJECT
419	2010-2011	Samsung Electronics(Giheung)
420	2010-2011	Gangwon Wood
421	2010-2011	Samsung Seoul Hospital
422	2010-2011	Foresco
423	2010-2011	Carpro Co., Ltd.
424	2010-2011	Hansol EMI Co., Ltd.
425	2010-2011	NC Ulsan
426	2010-2011	Nc Yangsan
427	2010-2011	SIMPAC ANC Co., Ltd.
428	2010-2011	Dongil Industry Co., Ltd.
429	2010-2011	Hansol EMI Co., Ltd.
430	2010-2011	LG Howsys Co., Ltd.
431	2010-2011	Doosan Construction
432	2010-2011	Wolsan
433	2010-2011	Busan Fashion Color Co., Ltd.
434	2010-2011	KC Hanmi Industry Co., Ltd.
435	2010-2011	Jinhae Incinerator
436	2010-2011	Dongseo Food Co., Ltd.
437	2010-2011	Neavy and Youngchun
438	2010-2011	Donggook Industry Co., Ltd.
439	2010-2011	Dongbu Steel(Pohang Factory)
440	2010-2011	Arlim Enviromental Co., Ltd.
441	2010-2011	Lapaz Korea Co., Ltd.
442	2010-2011	Samsung SDI Co., Ltd.
443	2010-2011	Hyosung Yeongyang Factory Co., Ltd.
444	2010-2011	Daeho P&C Co., Ltd.
445	2010-2011	Mano Plan Co., Ltd.
446	2010-2011	Gemho Cogeneration
447	2010-2011	PJ Metal
448	2010-2011	Elim Industry
449	2010-2011	Asea Seratec
450	2010-2011	Hansol Deco Co., Ltd.
451	2010-2011	Chunil Paper Co., Ltd.
452	2010-2011	Saeabestil Co., Ltd.
453	2010-2011	Sky Energy Co., Ltd.
454	2010-2011	Jeonju Paper
455	2010-2011	Cheongju District Heating
456	2010-2011	LG Chemical

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Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
457	2010-2011	Daejeon Cogeneration
458	2010-2011	Hangook Tire(Daejeon)
459	2010-2011	Donghwa Corporation
460	2010-2011	Korea Nestle Co., Ltd.
461	2010-2011	Dongyang Environmental
462	2010-2011	Doosan Electronics
463	2010-2011	E-Green Co., Ltd.
464	2010-2011	Samsung Electronics
465	2010-2011	Hyundai Green Power
466	2010-2011	Dongbu Steel
467	2010-2011	Green Gongju Co., Ltd.
468	2010-2011	Samsung Giheung, Hwaseong
469	2010-2011	NC Yangsan
470	2010-2011	Arim Co., Ltd.
471	2010-2011	Hyosung Enoyang Plant
472	2010-2011	Daeho P&C
473	2010-2011	Manoplan Co., Ltd.(KC Co., Ltd.)
474	2010-2011	Emedione Co., Ltd.(Previous Ellim Co., Ltd./Hana Co., Ltd.)
475	2010-2011	Jeonju Paper
476	2010-2011	Cheongju District Heating Corporation
477	2010-2011	Dongyang Environment Co., Ltd.
478	2010	Dongbu Construction Co., Ltd.
479	2010	KG Chemical Co., Ltd.
480	2010	Daewoo Construction
481	2010	Ansung Incinerators
482	2010	Incheon South Incinerator
483	2010	Samsung Electronics(Suwon)
484	2010	Samsung Electronics
485	2010	Dongbu Steel
486	2010	Donghwa Construction
487	2010	Hynix Semiconductor Icheon
488	2010	Pangyo Incinerator
489	2010	Dongil Industry Co., Ltd.
490	2010	Ajin P&P Co., Ltd.
491	2010	Samsung Heavy Industries
492	2010	Samsung Electrics
493	2010	Woosuk Environment Industry
494	2010	Yangsan Incinerator

NO	PERIOD	OWNER   PROJECT
495	2010	Geolim Co., Ltd.
496	2010	Samsung SMD Co., Ltd.
497	2010	Gemho Cogeneration
498	2010	Namhae Chemical
499	2010	Bowater Korea
500	2010	Jeonju Paper
501	2010	Ulid
502	2010	Qntec Co., Ltd.
503	2010	Hangook Tire(Gumsan)
504	2010	Hansol Paper/EMI
505	2010	Daejeon Incinerator
506	2010	Asea Paper
507	2009-2011	Ansung Incinerators
508	2009-2011	Ace Bed
509	2009-2011	Chungjoo incinerator
510	2009-2011	Ace Bed Yeosu
511	2009-2011	Ace Bed Co., Ltd.
512	2009-2011	Chungjoo Incinerator
513	2009-2010	DCRI Co., Ltd.
514	2009-2010	Daesung Environmental Department
515	2009-2010	Donghwa Construction
516	2009-2010	Gangnam District Heating
517	2009-2010	Hewcams
518	2009-2010	Samwoo Green
519	2009-2010	Changguang Corporation
520	2009-2010	Daechung Environmental
521	2009-2010	Samsung Electronics(Hwasung)
522	2009-2010	Samsung Electronics(Icheon)
523	2009-2010	Gangnam District Heating
524	2009-2010	Hwasung District Heating
525	2009-2010	Metropolitan Landfill(Eco Energy Holdings)
526	2009-2010	Donghwa Company(Incheon 2nd Factory)
527	2009-2010	Pochun Incinerators(Taeyoung Antec)
528	2009-2010	Dongwoo Hwain Chemical Co., Ltd.
529	2009-2010	SH Corporation
530	2009-2010	SH Corporation
531	2009-2010	Daesung Environmental Co., Ltd.
532	2009-2010	Samsung Electronics Co., Ltd Suwon.

NO	PERIOD	OWNER   PROJECT
533	2009-2010	New Dongbang CP Co., Ltd.
534	2009-2010	Daewoo Construction(Samjungdong Incinerators)
535	2009-2010	Daewoo Construction Co., Ltd.(Daejangdong Incinerators)
536	2009-2010	Yongin District Heating
537	2009-2010	Vinotec Co., Ltd.
538	2009-2010	Suwon District Heating
539	2009-2010	DCRI Co., Ltd.(DC Chemical Co., Ltd.)
540	2009-2010	Samyang Xenex Co., Ltd.
541	2009-2010	SeongLim Oil Co., Ltd.
542	2009-2010	KG Chemical Co., Ltd.
543	2009-2010	Carpro Co., Ltd.
544	2009-2010	Hansol EMI(East Branch)
545	2009-2010	NC Ulsan Co., Ltd.
546	2009-2010	NK Environmental Co., Ltd.
547	2009-2010	SIMPAC ANC Co., Ltd.
548	2009-2010	Dongil Industry Co., Ltd.
549	2009-2010	Hansol EMI Yeongnam Co., Ltd.
550	2009-2010	LG Howsys Co., Ltd.
551	2009-2010	Doosan Chemical
552	2009-2010	Wolsan
553	2009-2010	Busan Cooperation
554	2009-2010	KC Hanmi Industry Co., Ltd.
555	2009-2011	Ajin PNP Co., Ltd.
556	2009-2010	Jinhae Incinerators
557	2009-2010	Dongseo Food
558	2009-2010	Neavy and Youngchun
559	2009-2010	Woosuk Environmental Industry Co., Ltd.
560	2009-2010	Donggook Industry Co., Ltd.
561	2009-2010	Dongbu Steel Co., Ltd.
562	2009-2010	Geolim Co., Ltd.
563	2009-2010	A-lim Environmental Co., Ltd.
564	2009-2010	Lapas Korea Co., Ltd.
565	2009-2010	Samsung SDI
566	2009-2010	Hyosung Co., Ltd.
567	2009-2010	Mizoo Co., Ltd.
568	2009-2010	Mano Plan Co., Ltd.
569	2009-2010	Kumho Cogeneration
570	2009-2010	Kumho Cogeneration 2nd Factory

Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
571	2009-2010	Hewcams
572	2009-2010	Namhae Construction
573	2009-2010	Bo-Water Korea
574	2009-2010	Myungsu Environmental
575	2009-2010	Aldex(Guangyang)
576	2009-2010	Elelim Industry
577	2009-2010	Asea Seratec Co., Ltd.
578	2009-2010	Chun-Il Paper Co., Ltd.
579	2009-2010	Saeya Bestil Co., Ltd.
580	2009-2010	Sky Energy Co., Ltd.
581	2009-2010	Jeonju Paper
582	2009-2010	Chungju District Industry Co., Ltd.
583	2009-2010	LG Chemical(Chungju)
584	2009-2010	Daejeon Cogeneration
585	2009-2010	Hangook Tire(Daejeon)
586	2009-2010	Hangook Tire(Gumsan)
587	2009-2010	Donghwa Co., Ltd.
588	2009-2010	Dongyang Environmental
589	2009-2010	Samwoo Green
590	2009-2010	Changguang Co., Ltd.
591	2009-2010	Doosan Electronics Co., Ltd.
592	2009-2010	Daechong Green Co., Ltd.
593	2009-2010	E-Green Co., Ltd.
594	2009-2010	Samsung Tangjeong Co., Ltd.
595	2009	Pangyo Incinerators
596	2009	Hynix Icheon
597	2009	Donghwa Company(Incheon 1st Factory)
598	2009	Dongbu Steel Co., Ltd.
599	2009	Incheon South Incinerators(Incheon Song-Do)
600	2009	Ansung Incinerators(Hanla Construction)
601	2009	Dongbu Construction Kwangmyung Burning Offices Co., Ltd.
602	2009	Yangsan Incinerators
603	2009	Samsung Electronics(Pusan)
604	2009	Samsung Heavy Industries
605	2009	Dongil Industry Co., Ltd.
606	2009	QNTec Co., Ltd.
607	2009	Jeonju Paper
608	2009	Younid Co., Ltd.



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Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
609	2009	Hansol Homedeco Co., Ltd.
610	2009	Nestle Korea Co., Ltd.
611	2009	Hansol Paper Co., Ltd.
612	2009	Daejon Cogeneration
613	2009	ASEA Paper Co., Ltd.
614	2008-2009	Namhan Paper Co., Ltd.
615	2008-2009	Namhan Paper Co., Ltd.
616	2008-2009	Green Gong-Ju Co., Ltd.
617	2008-2009	Daewoo Construction(Jeju Incinerators)
618	2008-2009	Dongbu Construction(Pyungchon Incinerators)
619	2008-2009	Greensco Co., Ltd.(Sangwoo Co., Ltd.)
620	2008-2009	Daesung Co., Ltd.(Osan Energy Co., Ltd.)
621	2008-2009	Samsung SMD
622	2008-2009	KC Hanmi Industry Co., Ltd.
623	2008-2009	TK Chemical
624	2008-2009	KG Chemicals Corporation
625	2008-2009	Sunglim Oil & Chemical
626	2008-2009	Samyang Genex Corporation
627	2008-2009	OCI Company Ltd Inchoen Factory
628	2008-2009	Daesung Industrial Co
629	2008-2009	Sangwoo Incheon Factory
630	2008-2009	Suwon District Heating Corporation
631	2008-2009	Vinotec
632	2008-2009	Yongin District Heating Corp
633	2008-2009	Daewoo E&C(Daejang-Dong Incinerators)
634	2008-2009	Daewoo E&C(Samjung-Dong Incinerators)
635	2008-2009	Dongbu Corporation-Pyeongchon Incinerator Project Office
636	2008-2009	Hite-Kangwon
637	2008-2009	Daewoo E&C(Jeju Incinerators)
638	2008-2009	Sindongbang CP
639	2008-2009	Incheon southern Incinerators
640	2008-2009	Acebed Yeosu
641	2008-2009	Acebed Central Part
642	2008-2009	Samsung Engineering(Suwon Incinerators)
643	2008-2009	Daesung Industrial Co
644	2008-2009	SH Corporation(Mokdong)
645	2008-2009	SH Corporation(Nowon)
646	2008-2009	Pocheon Incinerators

NO	PERIOD	OWNER   PROJECT
647	2008-2009	Sudokwon Landfill Site-Ecoenergy
648	2008-2009	Hwaseong District Heating
649	2008-2009	Gangnam District Heating
650	2008-2009	Capro
651	2008-2009	Hansol EME
652	2008-2009	NCC
653	2008-2009	NK Evironment
654	2008-2009	Dongil Industry
655	2008-2009	Dongil Industry
656	2008-2009	Hansol EME
657	2008-2009	LG Chem-Wolsan
658	2008-2009	TK Chemical
659	2008-2009	Waulsan
660	2008-2009	Busan Fashion Center
661	2008-2009	Hanmi Industry
662	2008-2009	Azine Paper
663	2008-2009	Jinhae Incinerators
664	2008-2009	Dong Suh Food Co
665	2008-2009	Neven-Yeongcheon-Si
666	2008-2009	Hanmi Industry-Yangsan
667	2008-2009	Woosuk Evironment Industry
668	2008-2009	Dongkuk Industries
669	2008-2009	Dongbu Iron Co-Pohang
670	2008-2009	Yangsan Incinerators
671	2008-2009	Keorim
672	2008-2009	Arim Environment
673	2008-2009	Lafarge Korea
674	2008-2009	Samsung SDI
675	2008-2009	Samsung SMD
676	2008-2009	Hyeon Eonyang Factory
677	2008-2009	Kumho Cogeneration
678	2008-2009	Hu-Chems
679	2008-2009	Namhae Chemical
680	2008-2009	Bowaterhalla
681	2008-2009	Myeong Seong Environmet Co
682	2008-2009	Aldex Co
683	2008-2009	Elim Industry
684	2008-2009	Asia Serahtec

NO	PERIOD	OWNER   PROJECT
685	2008-2009	Chunilpaper
686	2008-2009	SeAH Besteel
687	2008-2009	Sky & Energy
688	2008-2009	Jeonjupaper
689	2008-2009	LG Chem(Cheongju)
690	2008-2009	Daejeon Cogeneration Plant Co
691	2008-2009	Hankooktire Daejeon
692	2008-2009	Hankooktire Geumsan
693	2008-2009	Dong Hwa Industrial
694	2008-2009	Dongyang Environment
695	2008-2009	Samwoogreen
696	2008-2009	Chang Gwang
697	2008-2009	NamHAN Paper-Jochiwon
698	2008-2009	NamHAN Paper-Sintanjin
699	2008-2009	Green Gongju-Gongju Incinerators
700	2008-2009	Acebed Middle Ceter
701	2008-2009	Doosan Electronics Jeungpyeong Factory
702	2008	Dongbu Corporation-Gwangmyeong Incinerator Project Office
703	2008	Samsung Engineering(Cheonan Incineartors)
704	2008	Anseong Incineration(Halla Energy & Environment)
705	2008	Dongbusteel
706	2008	Hoengsung Incinerators
707	2008	Dong Hwa Industrial-Incheon
708	2008	SK Hynix Icheon
709	2008	DSME
710	2008	Samsung Heavy Industries Co-Geojae Shipbuilding
711	2008	Samsung Electro-Mechanics Busan
712	2008	Jeonjupaper
713	2008	Unid
714	2008	Hansolhomedeco
715	2008	A & PCB
716	2008	Nestle Korea
717	2008	Hansolpaper
718	2008	Daejeon Incineration
719	2008	Asia Paper
720	2008	Hongseong Incinerators
721	2008	Daewoo Shipbuilding
722	2007-2009	Samsung Electronics(Suwon)

Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
723	2007-2009	Doosan Heavy Industries & Construction
724	2007-2008	Taeyoung ENC
725	2007-2008	Dongwoo FineChem
726	2007-2008	Hanhap Industry
727	2007-2008	Tongkook Corporation
728	2007-2008	South Jeju Steam Power
729	2007-2008	Daesang-Gunsan
730	2007-2008	Cheongju District Heating
731	2007-2008	Cheongseok Environment and Development
732	2007-2008	KG Chemicals Corpotation
733	2007-2008	Sunglim Oil & Chemical
734	2007-2008	Samyang Genex Corporation
735	2007-2008	Daesung Industrial Co
736	2007-2008	Sangwoo Incheon Factory
737	2007-2008	Suwon District Heating Corporation
738	2007-2008	Vinotec
739	2007-2008	Yongin District Heating Corp
740	2007-2008	Daewoo E&C(Daejang-Dong Incinerators)
741	2007-2008	Daewoo E&C(Samjung-Dong Incinerators)
742	2007-2008	Dongbu Corporation-Pyeongchon Incinerator Project Office
743	2007-2008	Hite-Kangwon
744	2007-2008	Daewoo E&C(Jeju Incinerators)
745	2007-2008	Sindongbang CP
746	2007-2008	Taeyoung ENC
747	2007-2008	Incheon Southern Incinerators
748	2007-2008	Acebed Yeosu
749	2007-2008	Acebed Eumseong-Gun
750	2007-2008	Samsung Electronics-Suwon
751	2007-2008	Daesung Environment Division
752	2007-2008	SH Corporation(Mokdong, Nowon)
753	2007-2008	Dongwoo FineChem
754	2007-2008	Pocheon Incinerators-Taeyoung Entec
755	2007-2008	Capital Landfill Site(Ecoenergy, Total E&S)
756	2007-2008	Capro
757	2007-2008	Samik Environment Industry
758	2007-2008	Samwoo E&T
759	2007-2008	NCC/NK
760	2007-2008	NK Evironment

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Operation & Maintenance of Plants

NO	PERIOD	OWNER   PROJECT
761	2007-2008	DSME
762	2007-2008	Hanhap Industry
763	2007-2008	Dongil Industry
764	2007-2008	Sookwang Industrial
765	2007-2008	LG Chem
766	2007-2008	Yuhan-Kimberly
767	2007-2008	Tongkook Corporation
768	2007-2008	Waulsan
769	2007-2008	Pusan dyeing Industrial Complex
770	2007-2008	Hanmi
771	2007-2008	Azine Paper
772	2007-2008	Jinhae Incinerators
773	2007-2008	Dong Suh Food Co
774	2007-2008	Neven-Yeongcheon-Si
775	2007-2008	Hanmi Industry-Yangsan
776	2007-2008	Woosuk Environment Industry
777	2007-2008	Dongbu Iron Co-Pohang
778	2007-2008	Kumho/Congeneration
779	2007-2008	Hu-Chems
780	2007-2008	Namhae Chemical
781	2007-2008	Bowaterhalla
782	2007-2008	Myeong Seong Environmet Co
783	2007-2008	South Jeju Steam Power
784	2007-2008	Aldex Co
785	2007-2008	Hana Industry
786	2007-2008	Chunil Paper
787	2007-2008	SeAH Besteel
788	2007-2008	Sky & Energy
789	2007-2008	Daesang-Gunsan
790	2007-2008	Jeonju Paper-Cheongwon
791	2007-2008	Cheongju District Heating
792	2007-2008	LG Chem(Cheongju)
793	2007-2008	Daejeon Cogeneration Plant Co
794	2007-2008	Hankooktire Daejeon
795	2007-2008	Hankooktire Geumsan
796	2007-2008	Dong Hwa Industrial
797	2007-2008	Dongyang Environment
798	2007-2008	Samwoogreen

NO	PERIOD	OWNER   PROJECT
799	2007-2008	Chang Gwang
800	2007-2008	NamHAN Paper-Jochiwon
801	2007-2008	NamHAN Paper-Sintanjin
802	2007-2008	Green Gongju-Gongju Incinerators
803	2007-2008	Cheongseok Environment and Development
804	2007	Myeongji Incinerators
805	2007	OCI Company Ltd Inchoen Factory
806	2007	Dongbu Corporation-Gwangmyeong Incinerator Project Office
807	2007	Samsung Electronics-Suwon(Boiler)
808	2007	Dongbu Iron co-Pohang-Incheon
809	2007	Hoengsung Incinerators
810	2007	Myeongji Incinerators
811	2007	Samsung Heavy Industries Co-Geojae Shipbuilding
812	2007	KCC
813	2007	Jeonju Paper-Cheongwon
814	2007	Unid
815	2007	A & PCB
816	2007	Nestle Korea
817	2007	Hansolpaper
818	2007	Asia Paper
819	2006-2007	Kyesung Paper
820	2006-2007	LG-SM
821	2006-2007	Hansolhomedeco
822	2006-2007	KG Chemicals Corpotation
823	2006-2007	Sunglim Oil & Chemical
824	2006-2007	Samyang Genex Corporation
825	2006-2007	Daesung Industrial Co
826	2006-2007	Sangwoo Incheon Factory
827	2006-2007	Suwon District Heating Corporation
828	2006-2007	Yongin District Heating Corp
829	2006-2007	Daewoo E&C(Daejang-Dong Incinerators)
830	2006-2007	Daewoo E&C(Samjung-Dong Incinerators)
831	2006-2007	Dongbu Corporation-Pyeongchon Incinerator Project Office
832	2006-2007	Hite-Kangwon
833	2006-2007	Daewoo E&C(Jeju Incinerators)
834	2006-2007	Sindongbang CP
835	2006-2007	Taeyoung ENC
836	2006-2007	Kyesung Paper

Operation & Maintenance of Plants

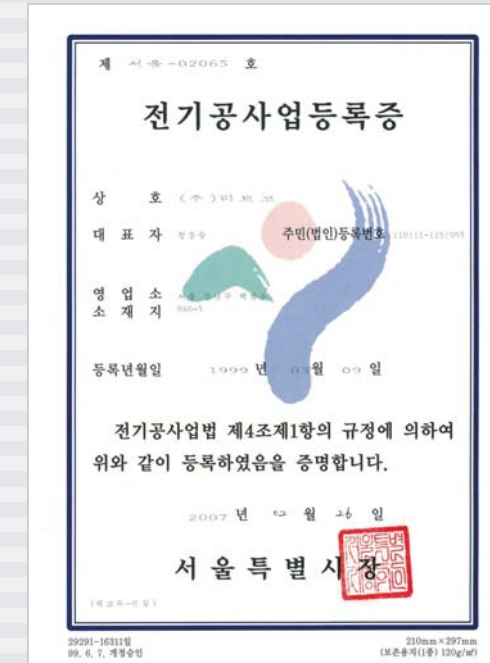
NO	PERIOD	OWNER   PROJECT
837	2006-2007	Incheon Southern Incinerators
838	2006-2007	Capro
839	2006-2007	Samik Environment Industry
840	2006-2007	Samwoo E&T
841	2006-2007	NCC/NK Evironment
842	2006-2007	DSME
843	2006-2007	Hanhap Industry
844	2006-2007	Dongil Industry
845	2006-2007	Sookwang Industrial
846	2006-2007	LG Chem Wolsan Factory
847	2006-2007	Doosan Heavy Industrial & Construction
848	2006-2007	Yuhan-Kimberly
849	2006-2007	Tongkook Corporation
850	2006-2007	Waulsan
851	2006-2007	Pusan Dyeing Industrial Complex
852	2006-2007	Hanmi
853	2006-2007	Azine Paper
854	2006-2007	Dong Suh Food Co
855	2006-2007	Neven-Yeongcheon-Si
856	2006-2007	Hanmi Industry-Yangsan
857	2006-2007	Kumho/Congeneration
858	2006-2007	Hu-Chems
859	2006-2007	Namhae Chemical
860	2006-2007	Bowaterhalla
861	2006-2007	Myeong Seong Environmet Co
862	2006-2007	HANA EnertecLG-SM
863	2006-2007	Hansolhomedeco
864	2006-2007	Chunilpaper
865	2006-2007	SeAH Besteel
866	2006-2007	Sky & Energy
867	2006-2007	Daesang-Gunsan
868	2006-2007	Pan Asia Paper Korea-Cheongwon
869	2006-2007	Cheongju District Heating
870	2006-2007	LG Chem(Cheongju)
871	2006-2007	Daejeon Energy
872	2006-2007	Hankooktire Daejeon
873	2006-2007	Hankooktire Geumsan
874	2006-2007	Dong Hwa Industrial

NO	PERIOD	OWNER   PROJECT
875	2006-2007	Dongyang Environment
876	2006-2007	Samwoogreen
877	2006-2007	Chang Gwang
878	2006-2007	NamHAN Paper-Jochiwon
879	2006-2007	NamHAN Paper-Sintanjin
880	2006-2007	Green Gongju-Gongju Incinerators
881	2006-2007	Cheongseok Environment and Development
882	2006	Dongbu Corporation-Gwangmyeong Incinerator Project Office
883	2006	OCI Company Ltd Inchoen Factory
884	2006	Samsung Engineering(Cheonan Incineartors)
885	2006	Anseong Incineration(Halla Energy & Environment)
886	2006	Myeongji Incinerators
887	2006	Jinhae Incinerators
888	2006	Samsung Heavy Industries Co-Geojae Shipbuilding
889	2006	KCC
890	2006	Pan Asia Paper Korea- Jeonju
891	2006	OCI Company Ltd
892	2006	Unid
893	2006	Hite
894	2006	Nestle Korea
895	2006	Hansolpaper
896	2006	Daejeon Incineration
897	2005-2006	Vinotec
898	2005-2006	Bukyong Industry
899	2005-2006	NIT Corportaion
900	2005-2006	A & PCB
901	2005-2006	KG Chemicals Corpotation
902	2005-2006	Sunglim Oil & Chemical
903	2005-2006	Samyang Genex Corporation
904	2005-2006	Daesung Industrial Co
905	2005-2006	Suwon District Heating Corporation
906	2005-2006	Yongin District Heating Corp
907	2005-2006	Bukyong Industry
908	2005-2006	Dongbu Corporation-Pyeongchon Incinerator Project Office
909	2005-2006	Hite-Kangwon
910	2005-2006	Daewoo E&C(Jeju Incinerators)
911	2005-2006	Sindongbang CP
912	2005-2006	Capro

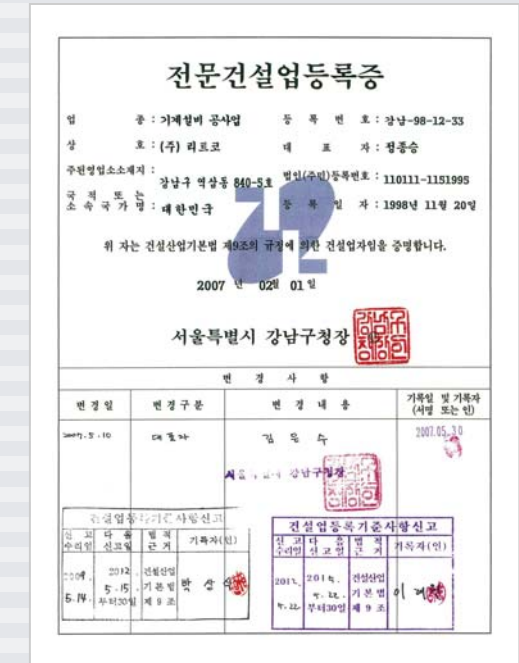


Operation & Maintenance of Plants

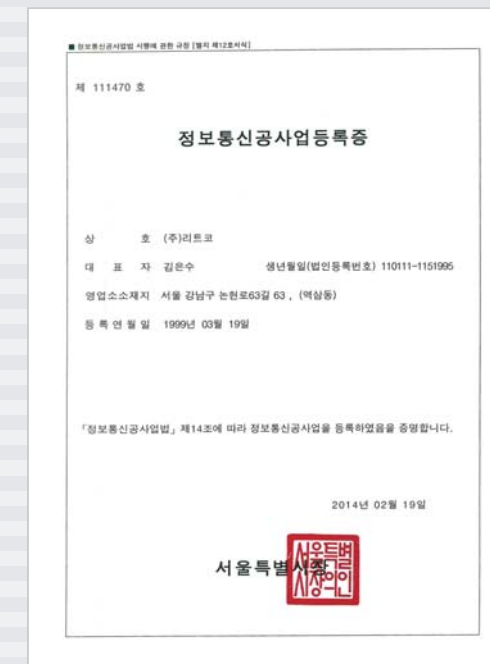
NO	PERIOD	OWNER   PROJECT	NO	PERIOD	OWNER   PROJECT
913	2005-2006	NCC	951	2005	Pan Asia paper Korea-Jeonju
914	2005-2006	Yuhan-Kimberly	952	2005	Unid
915	2005-2006	Hanmi Industry	953	2005	Hansolhomedeco
916	2005-2006	Azine Paper	954	2005	Hansolpaper
917	2005-2006	Jinhae Incinerators	955	2005	Daejeon Incineration
918	2005-2006	Hu-Chems	956	2004-2005	LG-SM
919	2005-2006	Namhae Chemical	957	2004-2005	Dongbu Corporation-Gwangmyeong Incinerator Project Office
920	2005-2006	Myeong Seong Environmet Co	958	2004-2005	OCI Company Ltd Inchoen Factory
921	2005-2006	HANA Enertec	959	2004-2005	Sangwoo Incheon Factory
922	2005-2006	NIT Corporaion	960	2004-2005	Vinotec
923	2005-2006	OCI Company Ltd	961	2004-2005	Daewoo E&C(Daejang-Dong Incinerators)
924	2005-2006	Chunilpaper	962	2004-2005	Samik Environment Industry
925	2005-2006	SeAH Besteel	963	2004-2005	Samwoo E&T
926	2005-2006	Hite	964	2004-2005	DSME
927	2005-2006	Daesang-Gunsan	965	2004-2005	Hanhap Industry
928	2005-2006	A & PCB	966	2004-2005	Dongil Industry
929	2005-2006	Pan Asia Paper Korea-Cheongwon	967	2004-2005	Sookwang Industrial
930	2005-2006	Cheongju District Heating	968	2004-2005	LG Chem
931	2005-2006	LG Chem(Cheongju)	969	2004-2005	Tongkook Corporation
932	2005-2006	Daejeon Energy	970	2004-2005	Waulsan
933	2005-2006	Hankooktire Daejeon	971	2004-2005	Kumho/Congeneration
934	2005-2006	Hankooktire Geumsan	972	2004-2005	LG-SM
935	2005-2006	Dong Hwa Industrial	973	2004-2005	Nestle Korea
936	2005-2006	Dongyang Environment	974	2003-2005	KCC
937	2004-2006	Doosan Heavy Industrial & Construction	975	2002-2003	Samyang Genex Corporation
938	2004-2005	LG-SM	976	2002-2003	Vinotec
939	2005	Daewoo E&C(Samjung-Dong Incinerators)	977	2002-2003	Nam Hae Chemical Corporation
940	2005	Anseong Incineration(Halla Energy & Environment)	978	2002-2003	Suwon District Heating Corporation
941	2005	Pusan Dyeing Industrial Complex	979	2002-2003	LG-SM
942	2005	Myeongji incinerators	980	2002-2003	Sunglim Oil & Chemical Corporation
943	2005	Bowaterhalla	981	2002-2003	Korea Hwain Chemical Corporation
944	2005	Pan Asia Paper Korea-Jeonju	982	2002-2003	Gumgang Korea Chemical Corporation
945	2005	Unid	983	2002-2003	Gwangmyeong Incinerator Plant
946	2005	Hansolhomedeco	984	2002-2003	Cheongju District Heating Corporation
947	2005	Hansolpaper	985	2002-2003	Cheonan Incinerator Plant
948	2005	Daejeon Incineration			
949	2005	Samsung Engineering(Cheonan Incineartors)			
950	2005	Bowaterhalla			



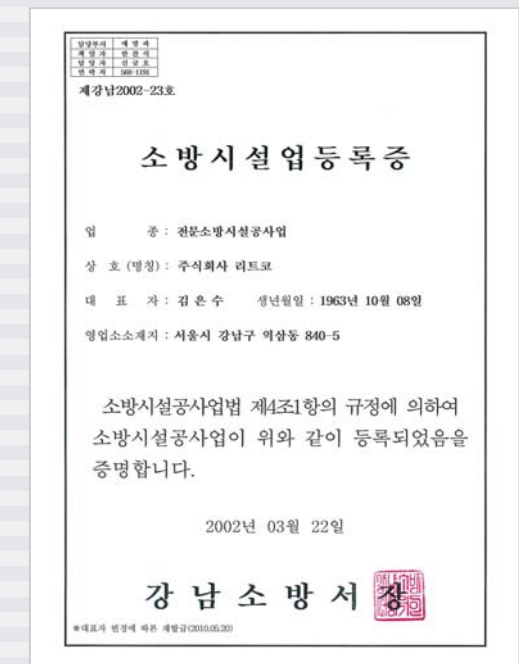
Electrical Construction Business Registration



Special Construction Business Registration

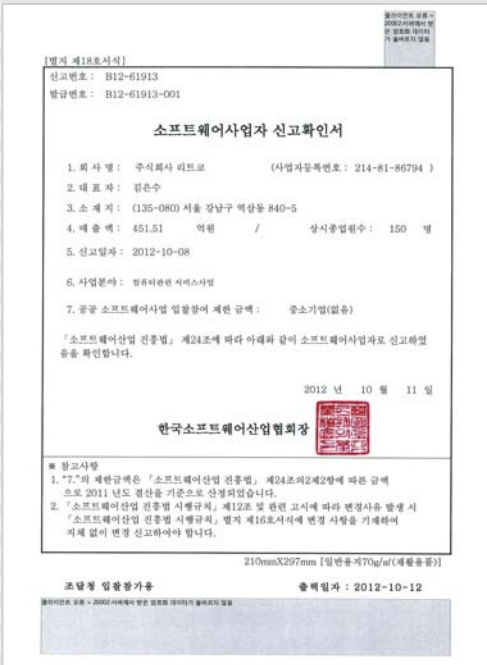


Telecommunication Construction Business Registration

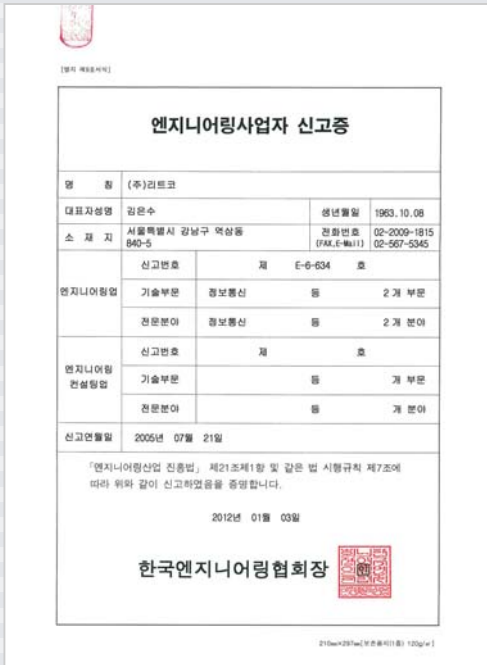


Firefighting Facility Business Registration

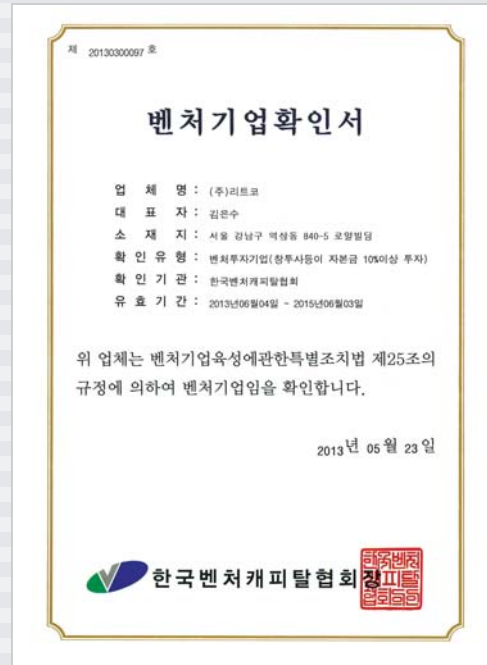
LICENSES AND CERTIFICATES



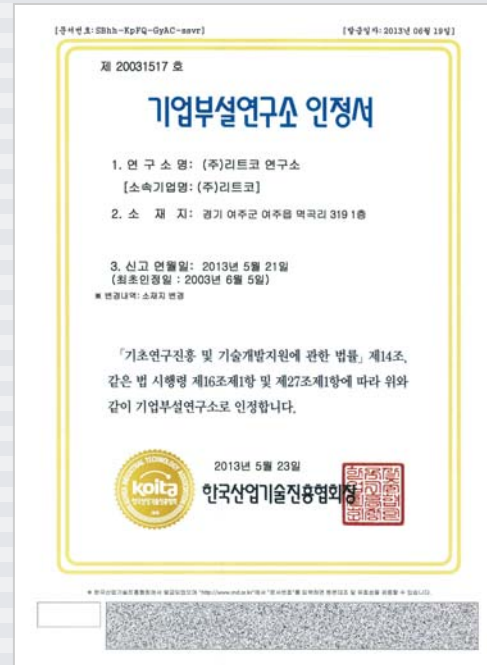
Software Business Registration



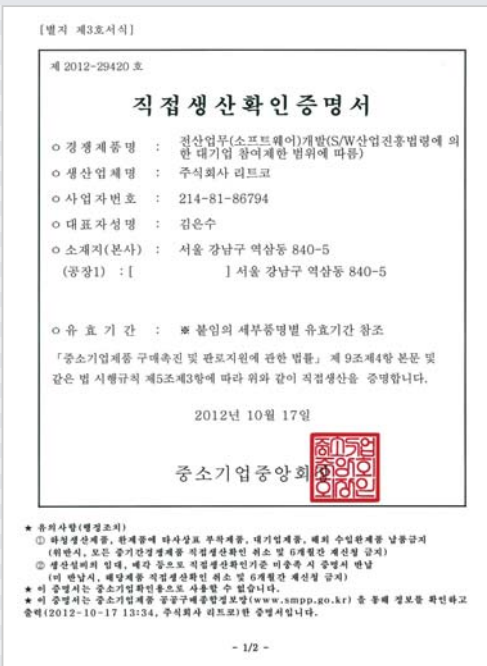
Engineering Business Registration



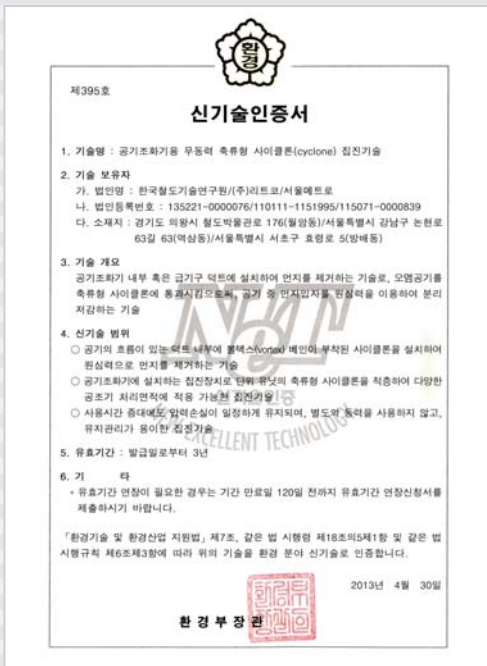
Certificate of Venture Enterprise



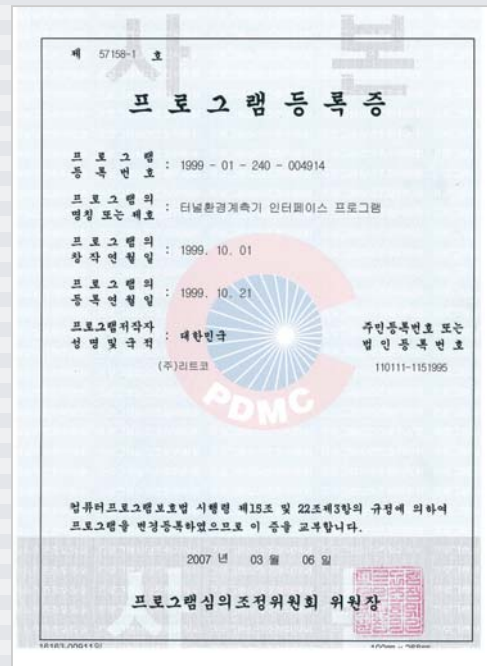
Certificate of Affiliated Research Institute



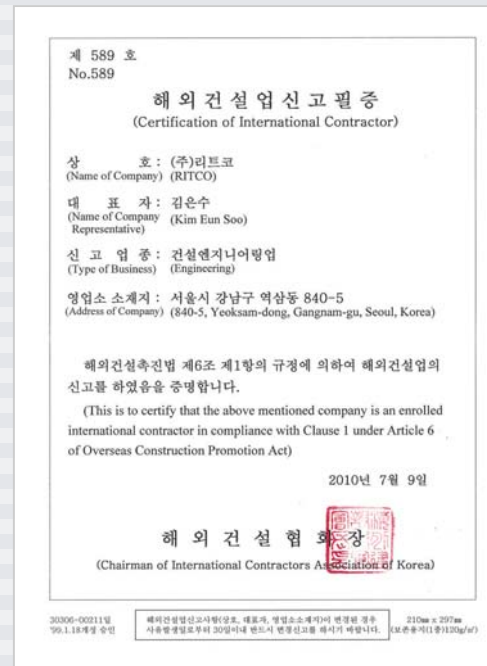
Certificate of Direct Production



Certificate of New Technology



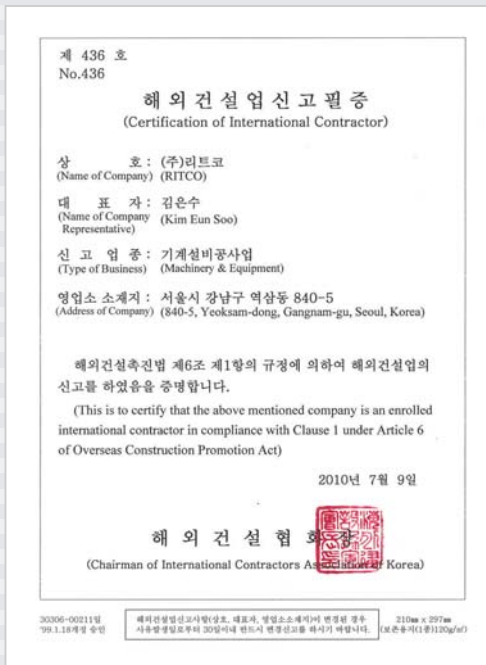
Program Registration



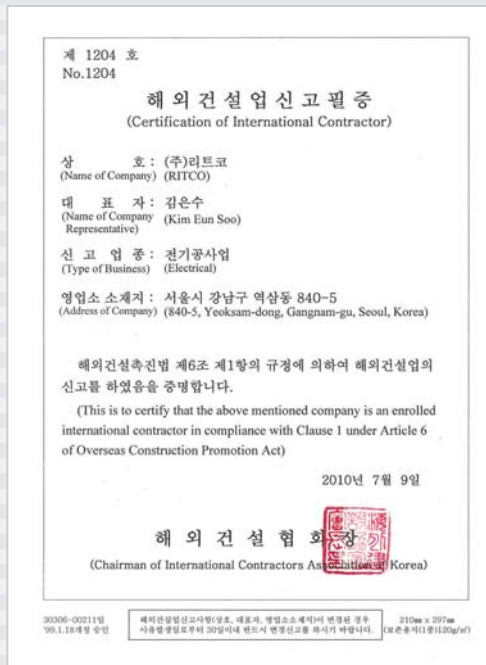
Certificate of International Contractor (Engineering)



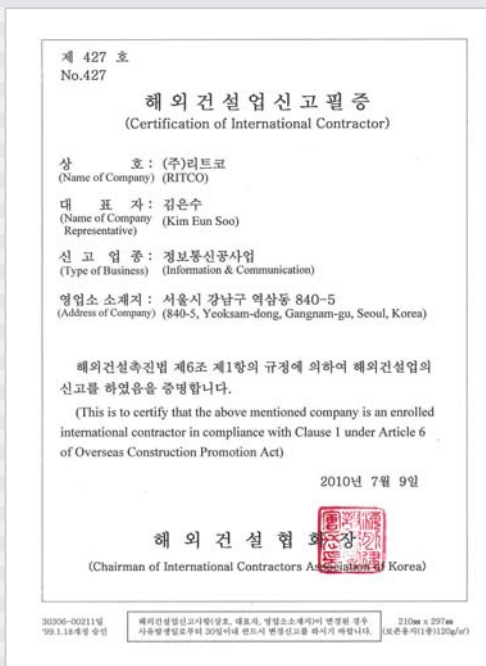
LICENSES AND CERTIFICATES



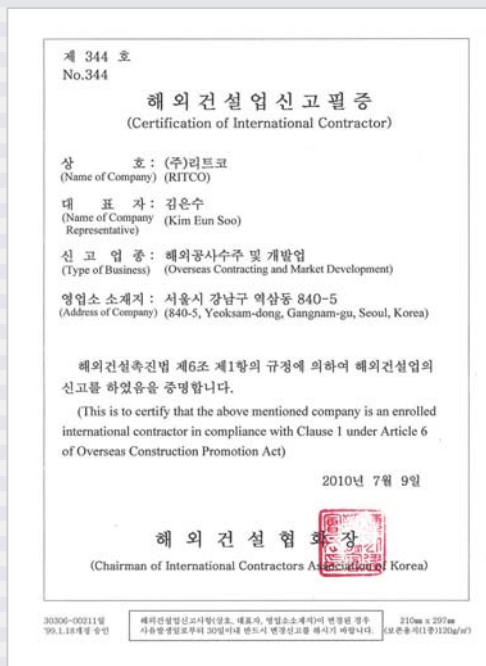
Certificate of International Contractor (Machinery & Equipment)



Certificate of International Contractor (Electrical)



Certificate of International Contractor (Information & Communication)



Certificate of International Contractor (Overseas Contracting and Market Development)



Certificate of Korea Fire Construction Association Membership



Certificate of Korea Automatic Control Conference Membership

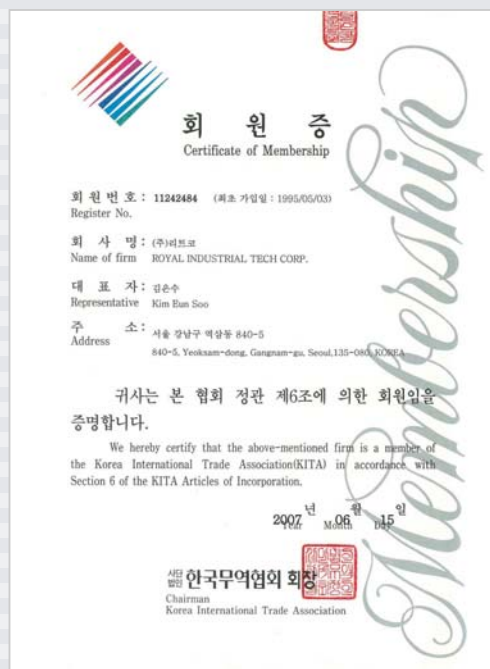


Certificate of INNOBIZ Membership

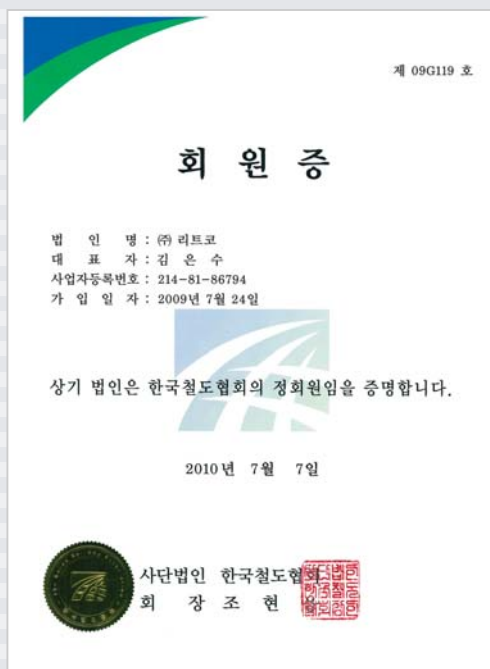


Certificate of KOIMA Membership

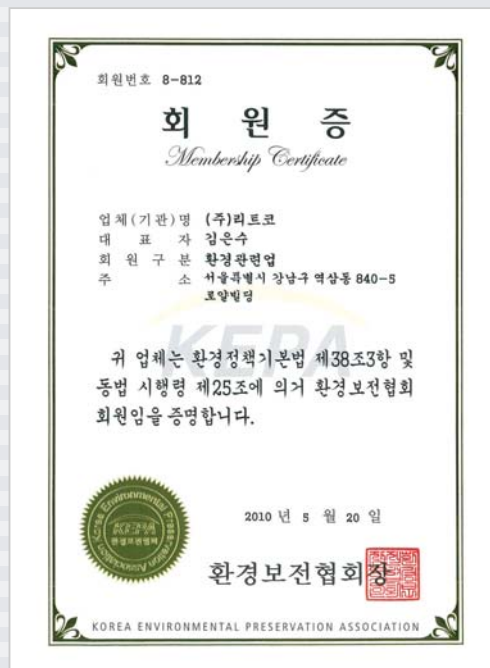
LICENSES AND CERTIFICATES



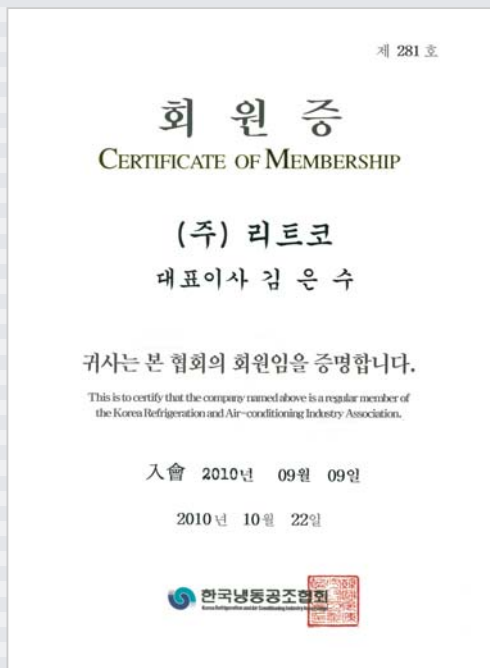
Certificate of Korea International Trade Association Membership



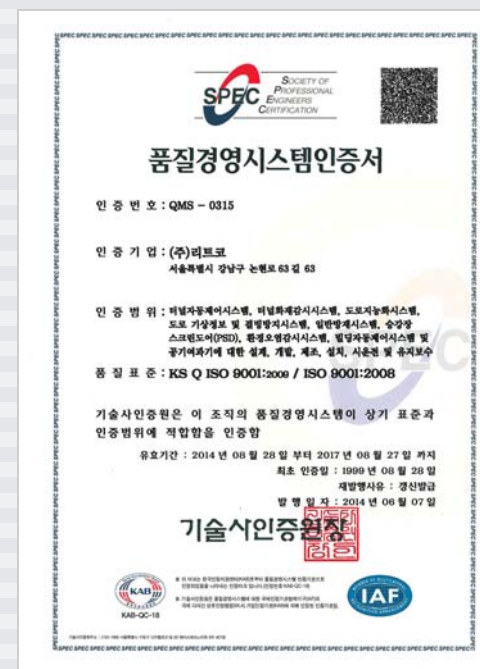
Certificate of Korea Railway Association Membership



Certificate of Korea Environmental Preservation Association Membership



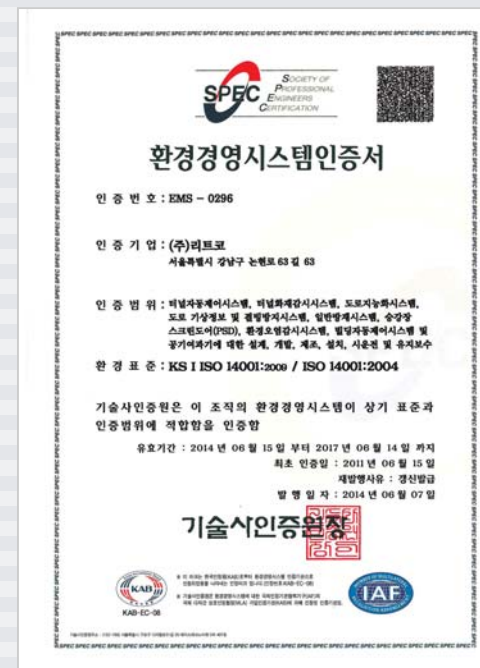
Certificate of Korea Refrigeration and Air-Conditioning Industry Association Membership



ISO 9001:2008



ISO 9001:2008

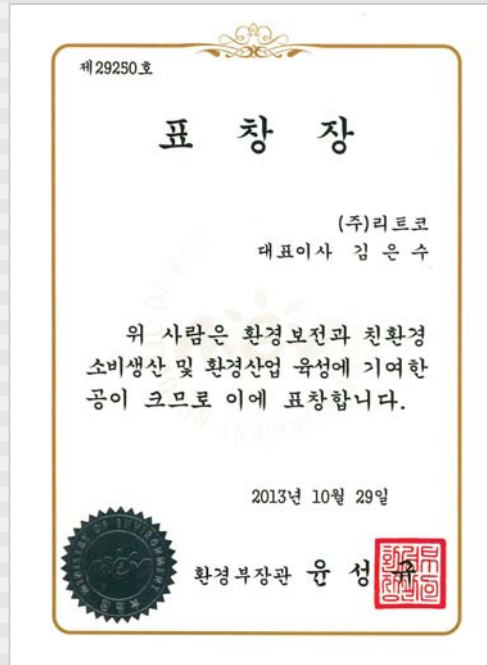


ISO 14001:2004



ISO 14001:2004

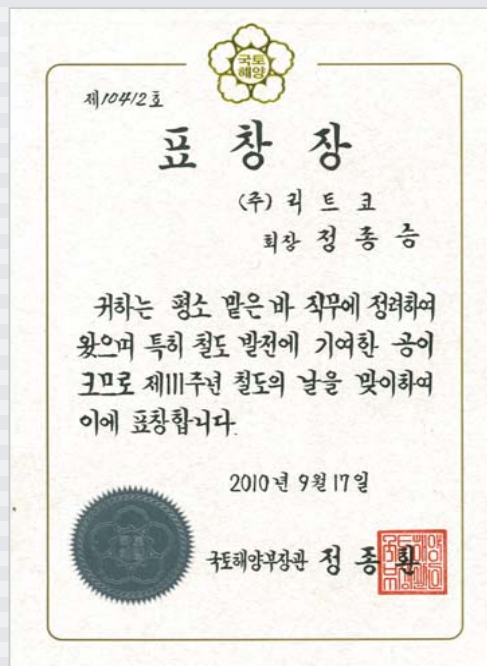




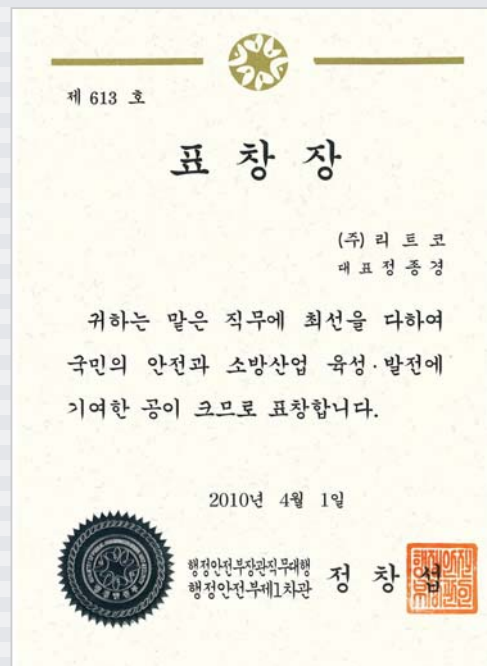
Certificate of Commendation



Certificate of Commendation



Certificate of Commendation



Certificate of Commendation

RITCO

Pursuing optimized solutions in harmony between man and nature

