

**CK** CK Solution Co.,Ltd.  
<http://www.cksolution.co.kr>

■Head Office

CK Building, 32, Singu-ro 12beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea  
 Tel. +82-31-203-7770 Fax. +82-31-282-2006, 2011

■Factory

22, Barangongdan-ro 3-gil, Hyangnam-eup, Hwaseong-si, Gyeonggi-do, Republic of Korea  
 Tel. +8231-366-2571 Fax. +82-31-366-2577

■Central Branch

17, SeohyeonDong-ro, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, Republic of Korea  
 Tel. +82-43-239-0640~2 Fax. +82-43-239-0646

■Northern Branch

21-24, Donyu 2-ro, Munsan-eup, Paju-si, Gyeonggi-do, Republic of Korea  
 Tel. +82-31-954-2313~4 Fax. +82-31-954-2315

■Cheon-An Office

10 Dujeong-go 7-gil, Seobuk-gu, Cheonan-si, Chungcheongnam-do, 201 Daeju Parkville, Republic of Korea  
 Tel. +82-31-203-7770 Fax. +82-31-282-2006

■Service Center

CK Building, 32, Singu-ro 12beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea  
 Tel. +82-31-284-0366 Fax. +82-31-280-2028

■Oversea Corporation

(Hungary Corporation) 1053 Budapest, Szep street no.5 1st floor 3rd door

(Poland Corporation) Krucza 68/9, 53-411 Wroclaw, Polska

(U.S. Corporation) 3555, koger Blvd, STE 310, Duluth GA 30096

(Vietnam Corporation) Floor 6, Ngoi Sao Tower, Duong Dinh Nghe st, Cau Giay New Urban Area, Yen Hoa Ward, Cau Giay District, Hanoi, Vietnam

(Guam Corporation) 674 Harmon Loop Rd, GFC B/D, Suite#313, Dededo, Guam, 96929

(Indonesia Branch) District 8 Prosperity Tower Lantai 15 Unit I, Jalan Jendral, Sudirman Kavling 52-53, Senayan, Kebayoran Baru, Jakarta, Selatan, DKI Jakarta, 12190

(Malaysia Corporation) No. 26-1, Jalan Senawang Perdana 1, Taman Senawang Perdana, 71450 SEREMBAN, Negeri Sembilan, Malaysia

(Canada Corporation) 3295, Quality way, Windsor, ON, Canada

(China Corporation) Room no. 803, Block B, Gaochuang Building, No.8 Xuejin Rd, Qixia District, Nanjing, China

CK2024-03ON



Best Engineering Company  
 Leading the best HVAC&R Technology  
 and facility Construction Technology

Best Engineering Company,  
 Leading the Best Hi-Tech HVAC and Electrical Facility Construction

## Qualification Statement

Best Engineering Company,

## Leading the Best Hi-Tech HVAC and Electrical Facility Construction

With customer satisfaction as top priority, we will do our best to lead best HVAC&R technology and highly reliable facility construction technology for new technology, eco-friendly, energy-saving , and to fulfill our social responsibilities as the world's best engineering company.

Since its founding in 2004, We, CK Solution have been pursuing new technology development and technology improvement of innovative technology with creativity and challenging spirit based on know- how and rich experience accumulated at home and abroad in the field for many years.

In addition, by combining eco-friendly technology with energy-saving technology, we will provide natural integrated solutions and pursue customer satisfaction through integrated service management. Especially we have been extensively supplying professional technologies for Dry-room system, Clean room system, HACCP&GMP system which are necessary for high-tech industries such as lithium battery, electronic information communication, semiconductor, chemistry, pharmaceutical and medicine, etc.

We are participating from the initial planning stage for mechanical equipment and HVAC systems required in such many industrial fields and dealing with all business for design, manufacturing, materials procurement, construction and after-sales management.

Furthermore, we are expanding our market to a wide range of industrial fields including total facilities systems and plants including refrigeration and air conditioning facilities, and we are taking a strong step toward becoming a comprehensive engineering company focusing on design and construction accordingly.

Based on the customer-oriented corporate philosophy, CK Solution promises to continuously challenge the environment of the digital era with advanced technology and creative thinking, and to do our best to always develop and accompany with customers.

CKSolution Chairman 이준재

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# COMPANY HISTORY

Global Leader in HVAC System!  
 Leading creative, challenge and technological innovation  
 for eco-friendly HVAC technology

## CK Solution



- Established CK Solution Co., Ltd
- Factory registration and operation
- Exported Dry Room System to the US& Japan for the 1st time in Korea
- Registered construction business License

- Established Northern Branch
- Design registration (Sandwich panel connection frame and 6 other cases)
- Patent registration (Blocking frame, barrier wall, construction method)

- Established Oversea Corp. (USA)
- Established Oversea Corp. (Vietnam)
- Awarded the President's Award
- Awarded the Export Tower (US\$ 50 million)
- Registered Engineering for the Construction License
- Contracted as Rotor Agent with Nichias, Japan
- Established Service Corp.

- Established Oversea Corp. (Guam)
- Established Oversea Corp. (Malaysia)
- Established Oversea Corp. (Canada)
- Awarded the Export Tower (US\$ 70 Million)
- Awarded 2023 Small and Medium Enterprise of the Year (DR System)
- Registered US Patent (Air Tight Door)
- Registered General Construction Business License

## HISTORY

2004 ~ 2009

- Established Central Branch
- Established Oversea Corp. (China)
- Established service corporation
- Innobiz designation
- Patent registration (Recycling heater hybrid operation device and method)
- Registered electric construction license

2010 ~ 2011

2012 ~ 2013

- Established R & D Center
- Certified ISO9001
- Patent registration (Dry room Panel)
- Registered Firefighting Facility Construction License
- Registered US Patent (Regeneration Heat Hybrid Operation Device and Method)
- Awarded the Export Tower (US\$5 million)

2014 ~ 2015

2016 ~ 2018

- Established Oversea Corp. (Poland, Hungary)
- Certified ISO 45001
- Patent registration (Hybrid local dehumidification)
- Awarded Minister of Trade, Industry and Energy
- Awarded the Export Tower (US\$ 20 million)

2019 ~ 2020

2021

- Established Indonesia Branch
- Established Guam (USA) Branch
- Awarded 2021 Small and Medium Enterprise of the Year (DR System)
- Registered Specialized Firefighting Facility Construction License

2022 ~ 2024

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for eco-friendly HVAC technology

# CK Solution

## CK STATUS

Company Overview  
Organization  
Factory



Best Engineering Company,  
Leading the Best Hi-Tech HVAC and Electrical Facility Construction

# COMPANY STATUS

**Company Name** CK SOLUTION Co., Ltd.  
**CEO** Kim Yu Gon  
**Business Reg. NO.** 135-81-68571  
**Company Reg. NO.** 1345110-0077964  
**Establishment Date** 2004. 02. 17  
**Company Address** 17064 CKB/D,32, Singu-ro 12beon-gil, Gi-heung-gu, Yongin-si, Gyeonggi-do, Republic of Korea  
**Contact No.** Tel. +82-31-203-7770 Fax. +82-31-282-2006, 2011

- Business Areas**
- 1. Consturction**
    - Hi-Tech HVAC (Electrical Facility Construction Business)
    - Dry Room, Clean Room
    - Low Temp. Storage, Environmental Plant
    - HACCP&GMP / Data Center
    - COE/FED Facility Construction

- 2. Service business**
  - Mechanical Facility Design (BIM)
  - » Dispatch of personnel (supervisor) / Foreign materials (MRO)
  - Customer After Service

- 3. Equipment delivery & System construction**
  - Dehumidifier, Precision Air-conditioning System, Condensing Unit, Heat pump, VOC Concentrator, BCU, BFU, FFU, Air-Curtain, Clean Locker, Clean Bench, Air-Shower, Pass-box, Relief damper, Hepa Filter box

Homepage <http://www.cksolution.co.kr>

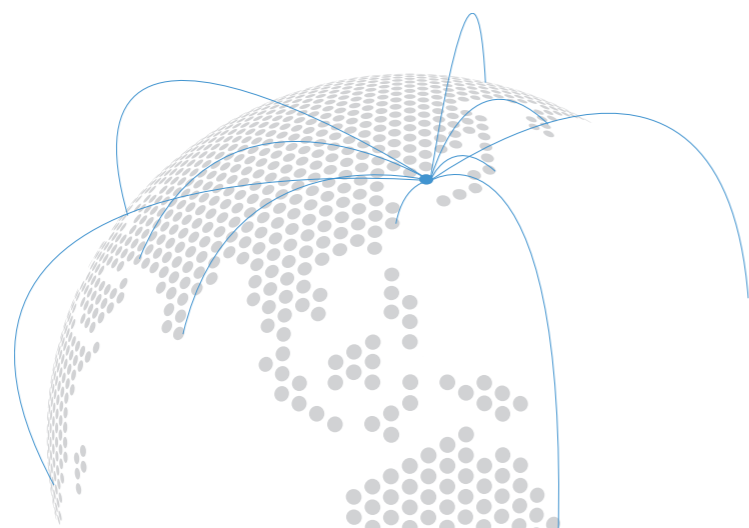
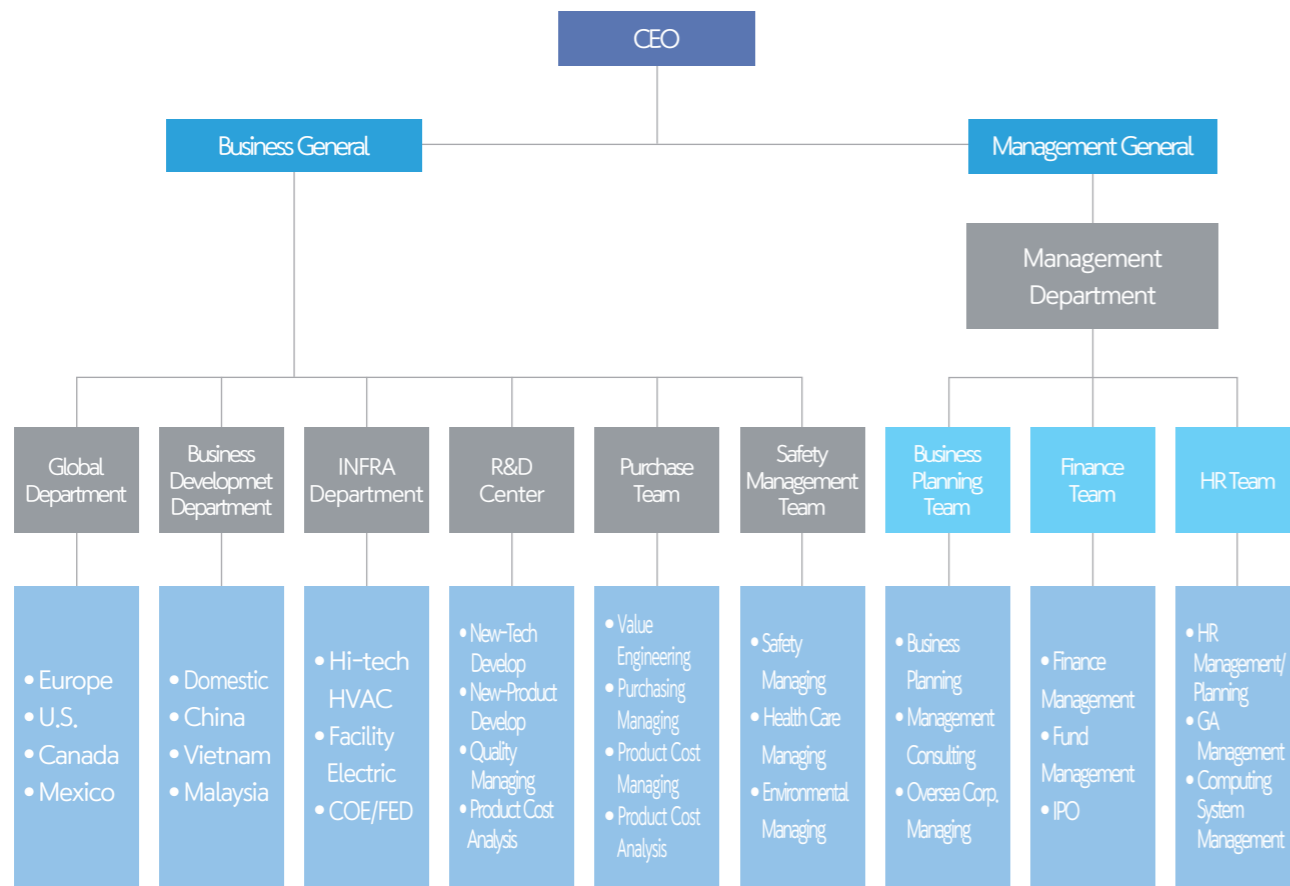
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# CK Solution



# ORGANIZATION

## ORGANIZATION



Best Engineering Company  
Leading the Best Technologies of  
HVAC&R and Facility Construction



# WORK SHOP

## FACTORY VIEW



## Manufacturing Equipment Status

Equipment	Size	Unit	Quantity	Re-remarks
MILLING M/C	HMTH-1100N	SET	1	
OIL HYDRAULIC BENDING M/C	10 HP X 12'	SET	1	
FOOT-OPERATED SHEAR	10 HP X 12'	SET	1	
RADIAL DRILL M/C	SRD-1000	SET	1	
BANCH GRINDER	500W	SET	1	
POWER PRESS	1 TON	SET	1	
AC ARC WELDER	10 KW	SET	1	
AC ARC WELDER	7.5 KW	SET	1	
LEVEL GAUGE	0.02 m/m	SET	1	
BENCH DRILL MACHINE	13 m/m	SET	2	
CHAIN BLOCK	1 TON	SET	2	
PARTICLE COUNTER	CASER110	SET	1	
HYDRAULIC PRESS	14SQ~32SQ	SET	3	
HYDRAULIC CABLE CUTTER	14SQ~500SQ	SET	2	
HYDRAULIC PLATE DRILLING MACHINE	16mm~104mm	SET	3	
INSULATION RESISTANCE METER	500V / 1000MΩ	SET	5	
INSULATION RESISTANCE METER	1000V / 2000MΩ	SET	1	
MULTI TESTER	Electronic Type	SET	3	
HOOK ON METER	300A~800A	SET	9	
ELECTRONIC DRILL	1/4HP 이상	SET	3	
JIGSAW	Gun Type	SET	3	
OXYGEN WELDING MACHINE	Portable Type	SET	2	
VERNIER CALIPERS	1000mm	SET	1	
TABLE LIFTER	3TON	SET	1	
TABLE DRILL MACHINE	13mm	SET	1	
ALUMINUM CUTTING MACHINE	3,600*4,000*2,600	SET	5	
TIG WELDING MACHINE	350A	SET	3	
CO <sub>2</sub> WELDING MACHINE	350A	SET	1	
ELECTRONIC CUTTING MACHINE	300mm	SET	5	
ANEMOMETER	8360-M-GB	SET	3	
HUMIDE/TEMP INDICATOR	HM-131	SET	1	
DEW POINT METER	MMS-35	SET	1	

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**CK Solution**

## BUSINESS AREAS

Hi-tech HVAC / Electrical Facility Construction  
DR, CR, Low-Temp Storage, Environment Plant,  
HACCP&GMP, DATA CENTER,  
Facility Construction, COE/FED Facility Construction,  
Engineering, Customer Service, etc.



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BUSINESS AREA  
**CONSTRUCTION**

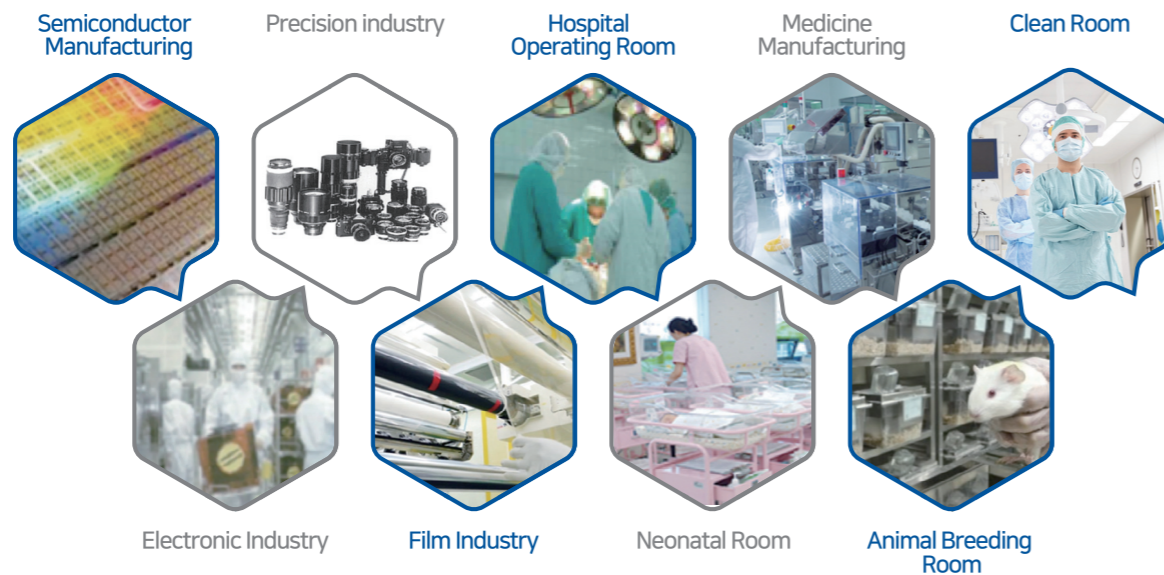
**DRY ROOM**

Based on abundant know-how and technology accumulated in industries that require super dehumidification, such as lithium ion batteries, semiconductors, pharmaceuticals, and product storage warehouses, we are designing precisely and constructing the super dehumidification system with contributing to the production of high-productivity and high-reliability products. For each application field, we also provide a solution from the initial design stage to follow-up management for the entire Dry room system, even design optimization to construction rationalization and facility operation management.



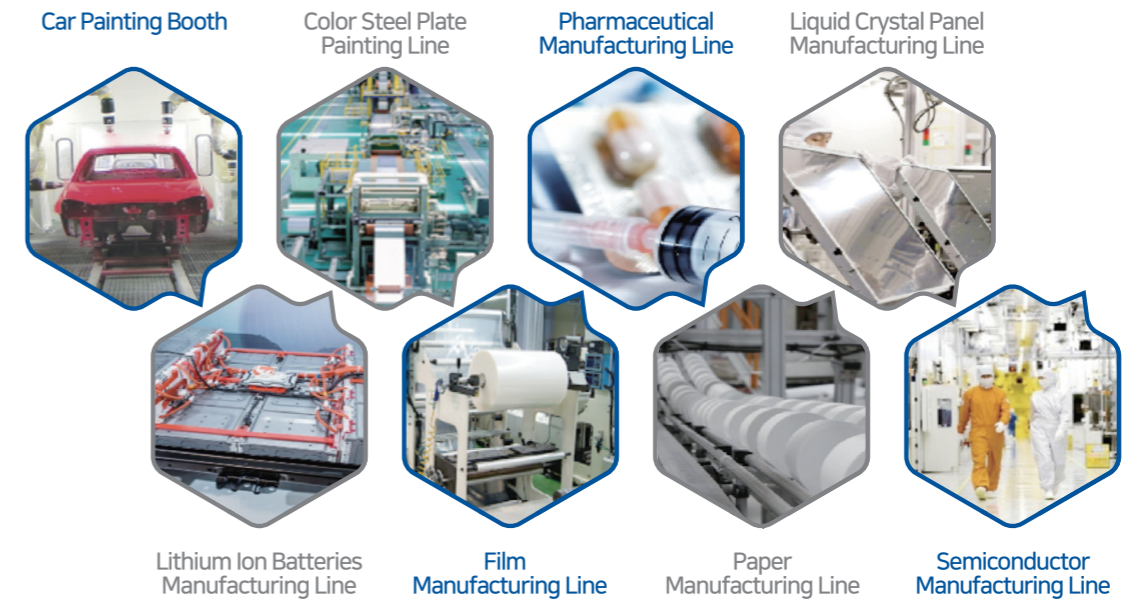
**CLEAN ROOM**

We are promoting air-conditioning design and its construction for Industrial Clean Room (ICR), a high-clean space air conditioning system for precision, micronation, high quality, and high reliability of products required for semi conductor manufacturing, aerospace, electronics, and precision industry as well as Bio Clean Room (BCR) applied to bio hazard facilities and clean rooms necessary for hospital operating rooms, hospital patient rooms, laboratory animal breeding rooms, food processing and agriculture fields.



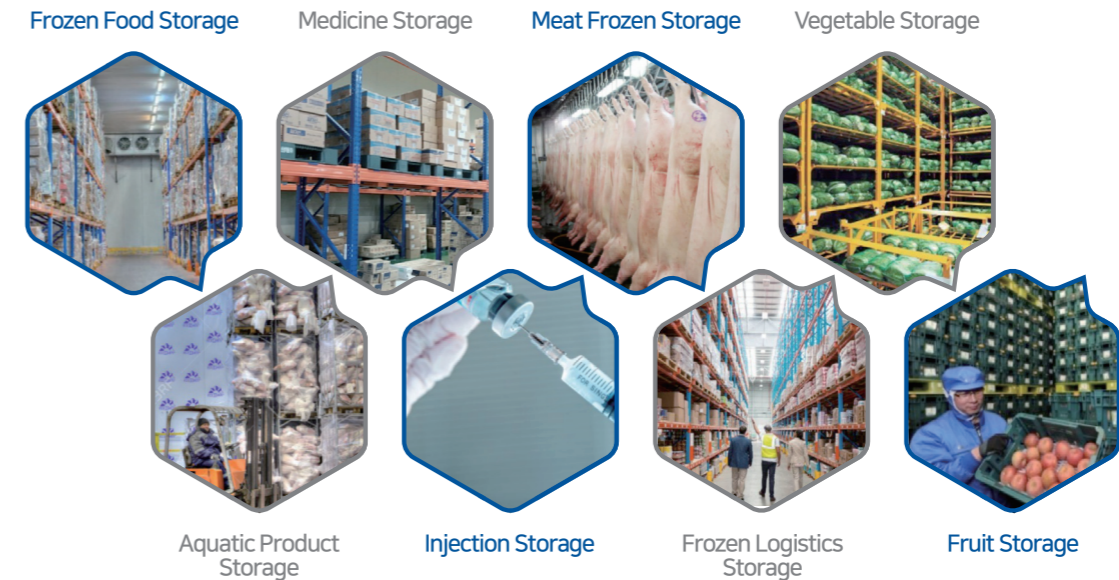
**ENVIRONMENT PLANT**

Volatile organic compounds (VOCs) generated from industrial process and VOCs emitted from landfill sites that deal with waste resulting from increased production and consumption are emerging as an environmental problem. By using an organic solvent concentrator using a honeycomb-type adsorption rotor, which is a device that controls and collects these VOCs before they are released into the atmosphere, we also produce and supply oxidative decomposition systems that concentrate VOC-containing gas with a large air volume and low concentration into a small air volume and high concentration gas and adsorb it or burn it with and RTO device.



**Low-Temp. STORAGE**

We design and construct refrigeration warehouses and refrigeration facilities to maintain appropriate storage temperatures and conditions for various items such as seafood, meat, agricultural products, low-temperature processed foods, and pharmaceuticals that require freezing & refrigeration. Also provide an optimal facility technology for fresh logistics such as high-quality food, refrigerated frozen products that can keep food ingredients fresh, and dairy products according to changes in consumption patterns.





BUSINESS AREA  
**CONSTRUCTION**

**PRECISION AIR CONDITIONING**

We provide an air conditioning system to create the best air conditioning environment by precisely controlling indoor temperature, humidity, cleanliness, airflow, etc.

Precision constant temperature & humidity system, free cooling system, optimization of supply air temperature, and an optimal energy-saving control system are applied and supplied for computer rooms, preservation rooms, laboratories, archives, art storage rooms, seed storage rooms, and data centers, etc.



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HVACR and Facility Construction



**HACCP & GMP**

We are promoting the engineering and construction of the HACCP system, which is a system that complies with hygienic standard procedures and good manufacturing standards for hygienic food manufacturing and processing, and intensively manages hazardous factors that can harm the human body by process and GMP system, which is the criteria for securing quality and systemization of quality control for all processes from the purchase of raw materials and materials to manufacturing, packaging and logistics, as well as manufacturing facilities for manufacturing and quality control of excellent pharmaceuticals.

**HACCP Applications**



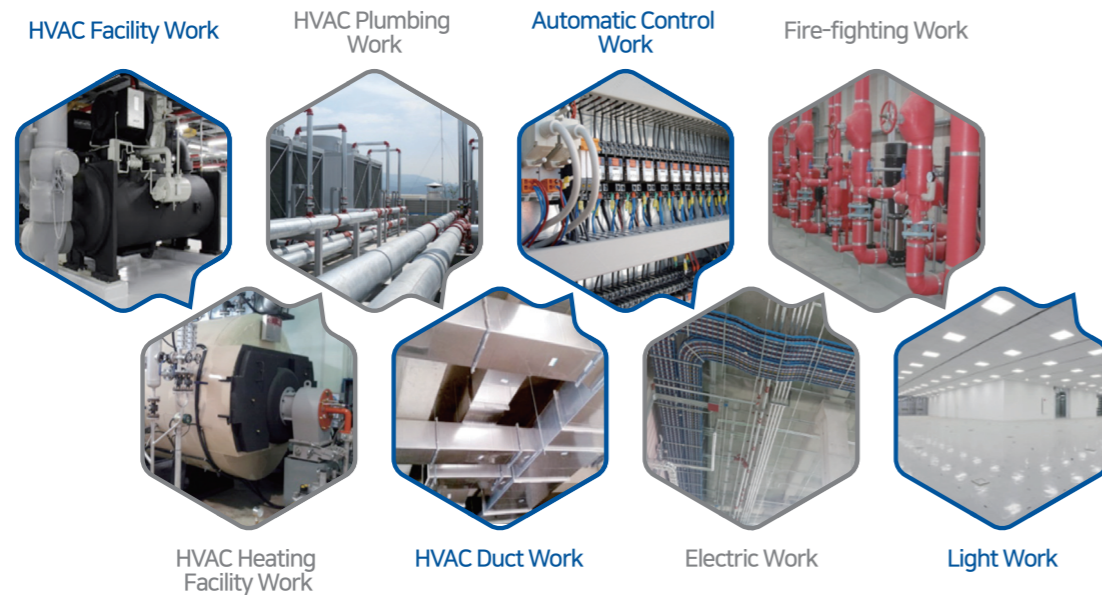
**GMP Applications**



BUSINESS AREA  
**CONSTRUCTION**

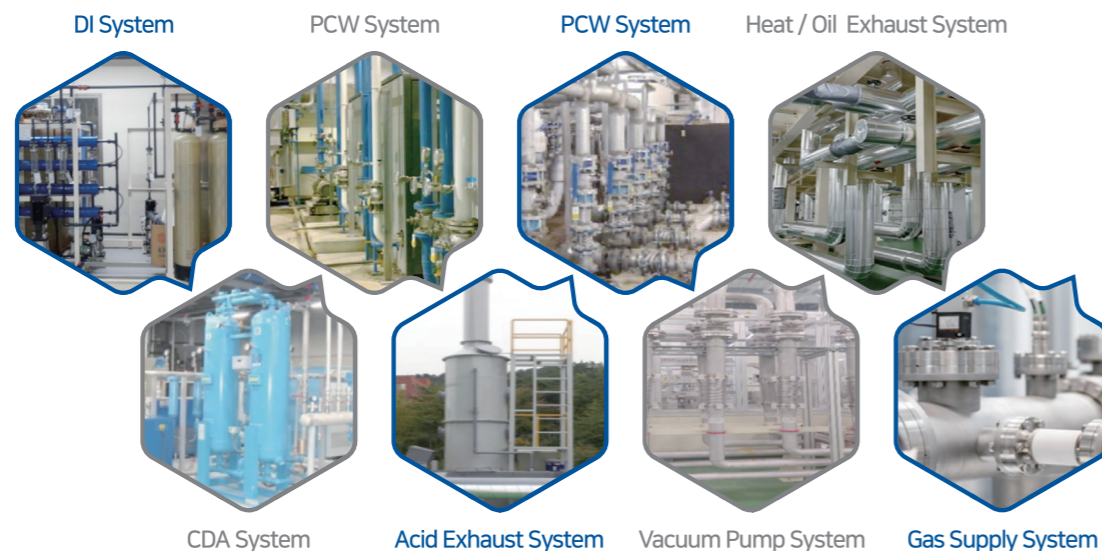
**HVAC MECHANICAL FACILITY CONSTRUCTION**

We are specialized in delivery and installation of refrigeration and air conditioning equipment and building equipment as well as air-conditioning equipment construction, heating equipment construction, plumbing construction, duct construction, electrical construction, automatic control construction, firefighting construction, lighting construction, sanitary equipment construction, special F/L construction, and panel construction etc.



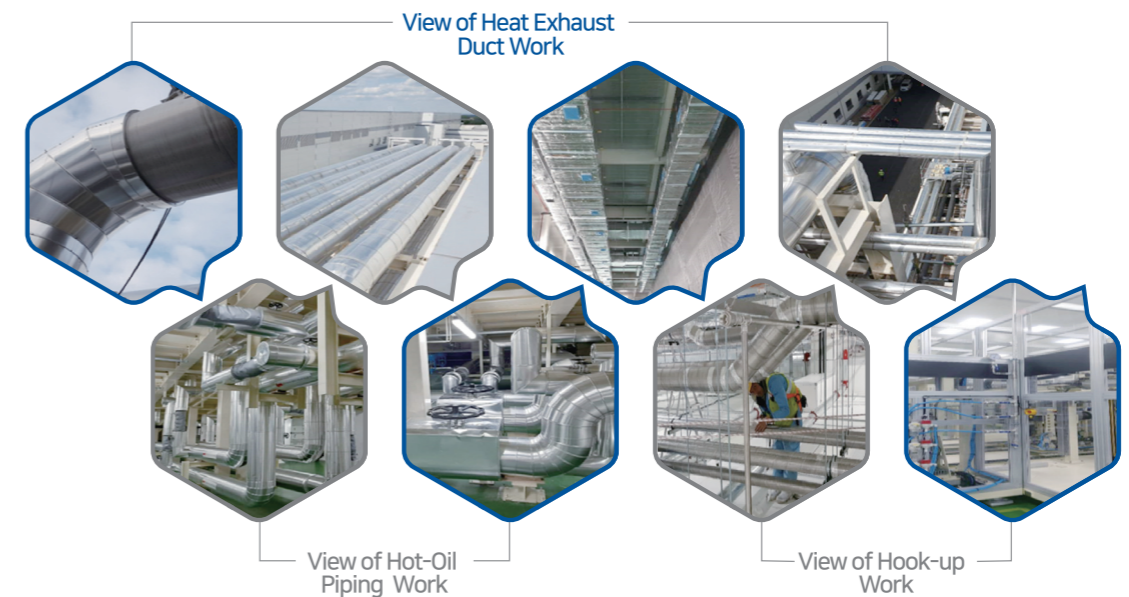
**UTILITY FACILITY WORK**

We are doing precision construction on DI System, CDA system PCW system, gas supply system, drainage system, Acid Exhaust system, Heat / Organic exhaust system etc. We are constructing not only the related monitoring system but also the efficient system operation and provide solutions for comprehensive utility facilities.



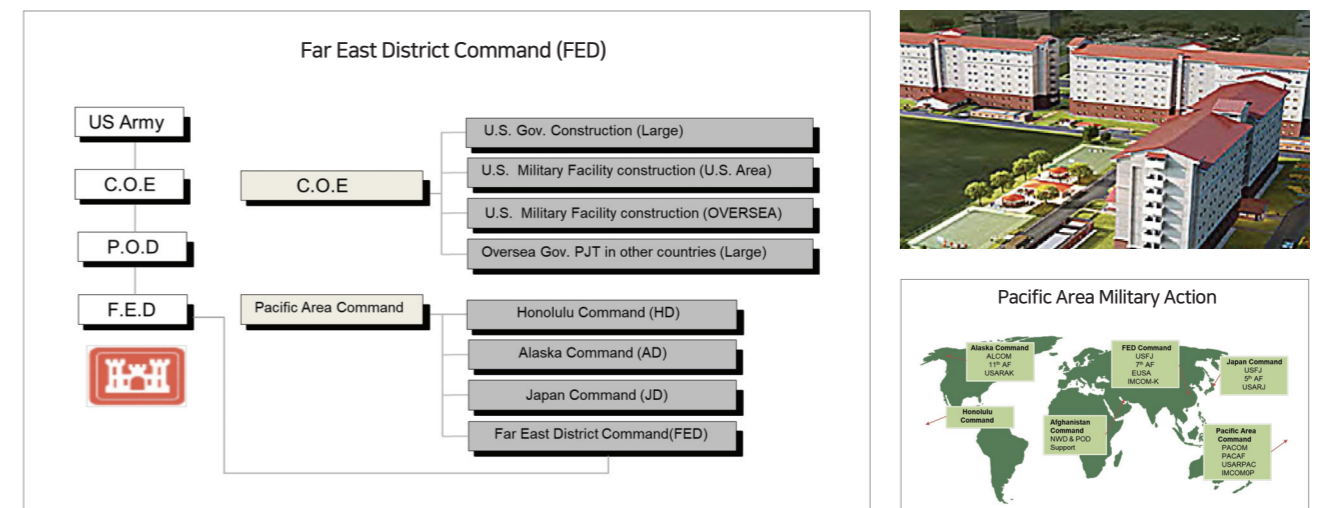
**HEAT EXHAUST DUCT/HOT OIL PIPE FACILITY CONSTRUCTION**

We are specializing in the design and construction for heat exhaust system for exhausting high-temperature heat generated from the lithium-ion battery electrode coating process, and hot-oil piping supplied to the coater room. Also, hook-up construction of facilities that produce and assemble batteries, electronic products, etc. are constructed according to the required specifications, and manage the follow-up after construction is also thoroughly carried out.



**COE/FED FACILITY CONSTRUCTION**

FED (Far East District) is an abbreviation for US ARMY, Corps of Engineers (COE), The construction of various facilities in the US military base in Korea, which is ordered through the US Far East Engineering Corps, is called FED, the US Far East Engineering Corps facility construction. This facility construction for the US Far East Engineering Corps must be designed, constructed, and completed in accordance with the process presented by the reference materials for military facilities. Accordingly, we are promoting construction professionally in accordance with customer requirements, technology, quality and safety plans by establishing a specialized infrastructure for USFK facility construction.



# Equipment Delivery & System Construct

## HVAC EQUIPMENT PRODUCTION, SALES AND INSTALLATION

We produce and sell refrigeration and air conditioning equipment suitable for a wide range of fields such as B/Ds, factories, logistics distribution, storage, and military facilities in the industrial and commercial fields, and we also supply high-end equipment with overseas technology certifications.

We supply a variety of equipment and models, including chillers, air conditioners, and condensing units which are representative HVAC equipment as well as industrial dehumidifiers, precision air conditioning unit, clean room air conditioning equipment and heat pumps required for individual air conditioning, providing a total solution for integrated control of equipment.

**Air-Conditioning Products**  
Dehumidifier, AHU, Precision AC, BCU, etc.

**Chiller Products**  
Turbo Chiller, Absorption Chiller, Screw Chiller, CDU, etc.

**Hybrid Control System**  
Control Panel, Sensor system

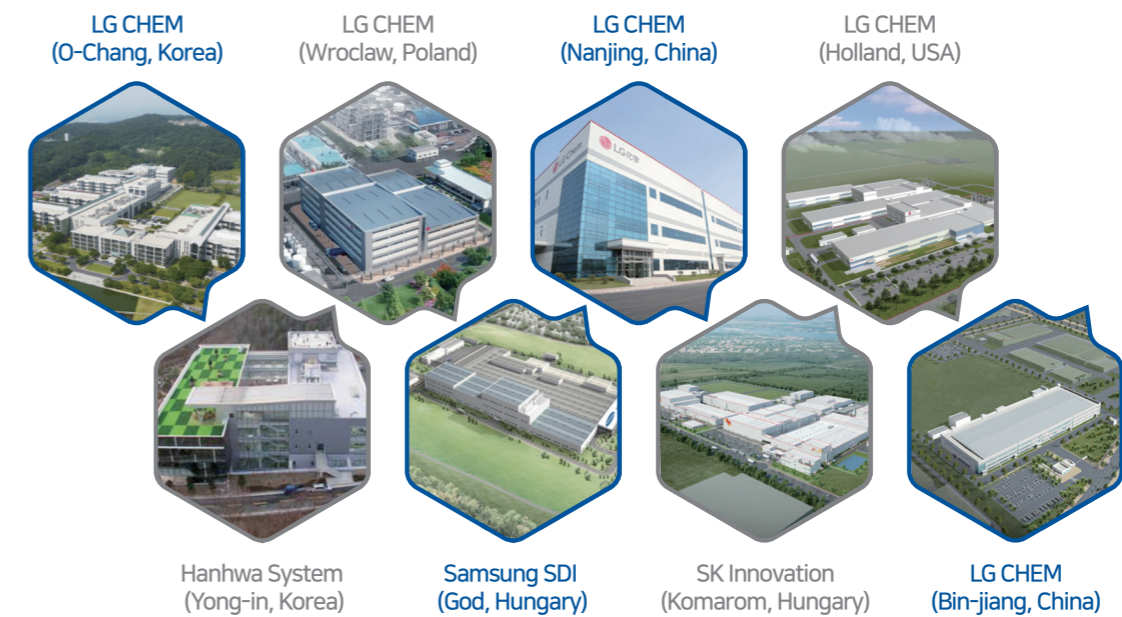
**Clean Room Equipment**  
BFU, HFU, FFU, Air Shower Pass Box

# SERVICE BUSINESS

## MECHANICAL FACILITY INTEGRATED ENGINEERING DESIGN BUSINESS

We specialize in the optimal design of mechanical system systems for various fields such as semiconductor factories, secondary battery factories, facilities requiring HACCP & GMP facilities among industrial facilities as well as low- temperature warehouses, leisure facilities, sports facilities, and environmental testing laboratories.

In addition to customized design considering the specificity of facilities, application of high-efficiency equipment to save energy, and grafting of system integrated control technology, we are also optimizing airflow distribution through the thermal fluid analysis, minimizing interference through BIM design, and shortening construction period.



## CUSTOMER SERVICE BUSINESS

We provide integrated services such as post-tech improvement of mechanical equipment including refrigeration and air conditioning equipment and related equipment, periodic inspection of equipment & parts replacement, equipment replacement, system technology supplementation, energy saving, performance improvement, test operation and TAB, etc. In particular, we provide total service solutions including engineering, such as facility maintenance, machine facility diagnosis, facility improvement solutions, and facility improvement solutions optimization.

In addition, we provide comprehensive services ranging from the selection of the high-efficiency equipment through diagnosis of aging facilities, provision of facility improvement solutions through economic evaluation, reasonable system renovation and maintenance, and follow-up management.

We also contribute to productivity and cost reduction in production sites by suggesting and discussing energy use rationalization and energy saving measures through energy diagnosis.

**<Quality Assurance Service>**

- Pre-planned inspection service
- Follow-up service
- Performance improvement proposal
- Quality improvement proposal

**<Paid Service>**

- Maintenance service
- Renovation work
- Performance improvement service
- T.A.B service
- Commissioning service



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# CK Solution

## CERTIFICATES

Business Registration, Factory Registration,  
Laboratory Certificate, Business Certificate ( Facility Construction,  
Electrical Construction, Fire-Fighting, General Construction),  
Patents, Design Certificate, ISO Certificate, INNO-BIZ,  
Awards (Export Tower Plaque, President's Award etc.)



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# CERTIFICATES

## REGISTRATIONS

**사업등록증명서**  
Certificate of Business Registration  
(Corporate Taxpayer)

발급번호: 4187-201-101-104  
처리기간: 즉시

상호: (주)씨케이솔루션 (주)씨케이솔루션  
Business registration number: 13541-007964

주된 영업소 소재지: 경기도 용인시 기흥구 신구로12번길 32 (신갈동, 씨케이빌딩)

등록일자: 2018년 12월 07일

대표자: 김유근 (주민(법인)등록번호: 134511-0077964)

국세청: 2023년 10월 16일

기흥세무서장 (Seal)

Business Registration

**공장등록증명서 (신청서)**

발급번호: 2024-02-23

신청인: (주)씨케이솔루션 (주)씨케이솔루션  
Business registration number: 134511-0077964

공장소재지: 경기도 용인시 기흥구 신구로12번길 32 (신갈동)

등록일자: 2018-12-07

사업시작일: 2018-12-07

총면적: 495㎡

등록일자: 2024년 02월 28일

한국산업단지공단 이사장 (Seal)

Factory Registration (KR)

**전기공사등록증**

제 경기-03811 호

상호: (주)씨케이솔루션

대표자: 김유근 (주민(법인)등록번호: 134511-0077964)

영업소 소재지: 경기도 용인시 기흥구 신원로 88, 디지털빌딩 2103호 606호

등록년월일: 2011년 11월 15일

전기공사법 제4조제1항의 규정에 의하여  
위와 같이 등록하였음을 증명합니다.

2011년 11월 15일

경기도지사 (Seal)

Electrical Construction Registration

**변경내역**

연월일	변경구분	변경내용	신고접수일자	비고
2011.11.29	소제지소재지	경기도 용인시 기흥구 신원로 88, 디지털빌딩 2103호 606호	2011.11.29	본부
2018.06.21	소제지소재지	경기도 용인시 기흥구 신구로12번길 32(신갈동, 씨케이빌딩)	2018.06.28	경기
2019.03.13	대표자사임	김유근 1968.08.13	2019.04.15	경기
2019.03.13	대표취임일	오진석 1973.11.15	2019.04.15	경기
2022.11.24	대표취임일	김유근 1968.08.13	2022.12.08	경기
2022.11.24	대표취임일	오진석 1973.11.15	2022.12.08	경기

Content change history for Electrical Construction

**건설업등록증**

업종: 기계설비공사업

등록번호: 수원08-10-04

상호: (주)씨케이솔루션

대표자: 김유근, 오진석

주된 영업소 소재지: 경기도 용인시 기흥구 신원로 88, 디지털빌딩 2103호 606호

법인(주민)등록번호: 134511-0077964

국적 또는 소속국가명: 대한민국

등록일자: 2009-07-13

2013년 07월 09일

수원시장 (Seal)

변경사항

변경일	변경구분	변경내용	기록인 및 기록자 (서명 또는 인)
2018.6.21	소재지	경기도 용인시 기흥구 신구로12번길 32(신갈동)	김유근
2019.3.13	대표자	안근호	안근호
2022.11.19	대표자	안근호 → 김유근	김유근

Facility Construction Registration

**소방시설업등록증**

제 2022-02-00002 호

업종: 전문소방시설공사업

상호(명칭): (주)씨케이솔루션

대표자: 김유근 (생년월일: 1968.08.13)

영업소 소재지: 경기도 용인시 기흥구 신구로12번길 32 (신갈동, 씨케이빌딩)

「소방시설공사법」 제4조 제1항에 따라 소방시설공사업  
위와 같이 등록되었음을 증명합니다.

2022년 1월 5일

경기도지사 (Seal)

Fire-fighting Facility Construction Registration

**경기도 건설업등록증**

업종: 건축공사업

등록번호: 10-4415

상호: (주)씨케이솔루션

대표자: 김유근

영업소소재지: 경기도 용인시 기흥구 신구로12번길 32 (신갈동, 씨케이빌딩)

법인(주민)등록번호: 134511-0077964

국적 또는 소속국가명: 대한민국

등록일자: 2024년 3월 11일

건설산업기본법 제9조의 규정에 의한 건설사업자임을 증명합니다.

2024년 3월 11일

경기도지사 (Seal)

변경사항

변경년월일	변경구분	변경내용	기록인 및 기록자 (인)

General Construction Registration

**기업부설연구소 인정서**

제 2014113193 호

1. 연구소명: (주)씨케이솔루션 기업부설연구소  
[소속기업명: (주)씨케이솔루션]

2. 소재지: 경기도 수원시 영통구 신원로 88, 디지털빌딩 2103호 605-606호

3. 신고연월일: 2014년 7월 1일

미래창조과학부

「기초연구진흥 및 기술개발지원에 관한 법률」 제14조, 같은 법 시행령 제16조제1항 및 제27조제1항에 따라 위와 같이 기업부설연구소로 인정합니다.

2014년 7월 1일

한국산업기술진흥협회장 (Seal)

Corporate Research Institute Accreditation

# CERTIFICATES

## ISO & INNO-BIZ CERTIFICATE



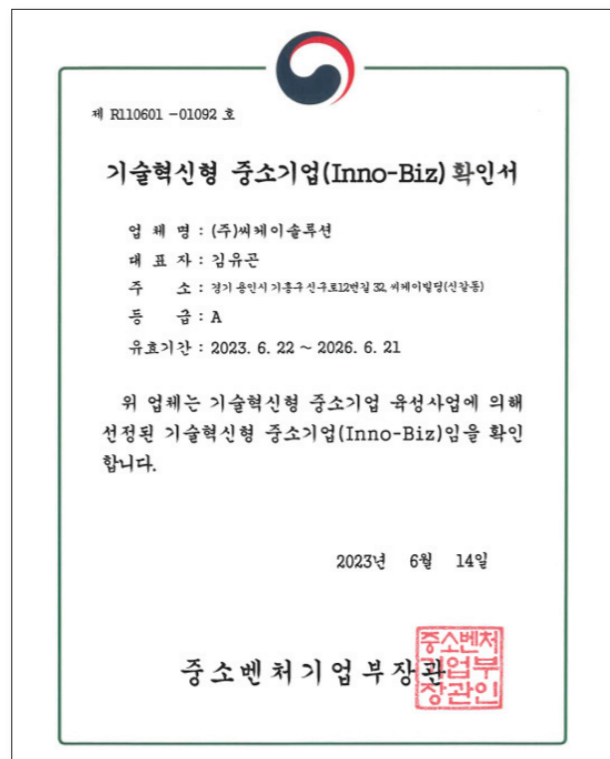
ISO 9001(Quality Management System Certificate)



ISO 14001(Environment Management System Certificate)

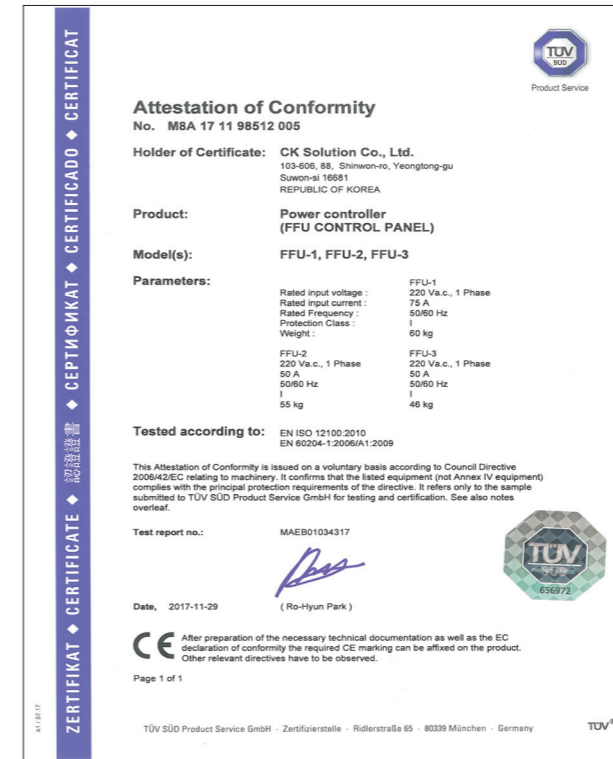


ISO 45001 (Safety Health Management Certificate)

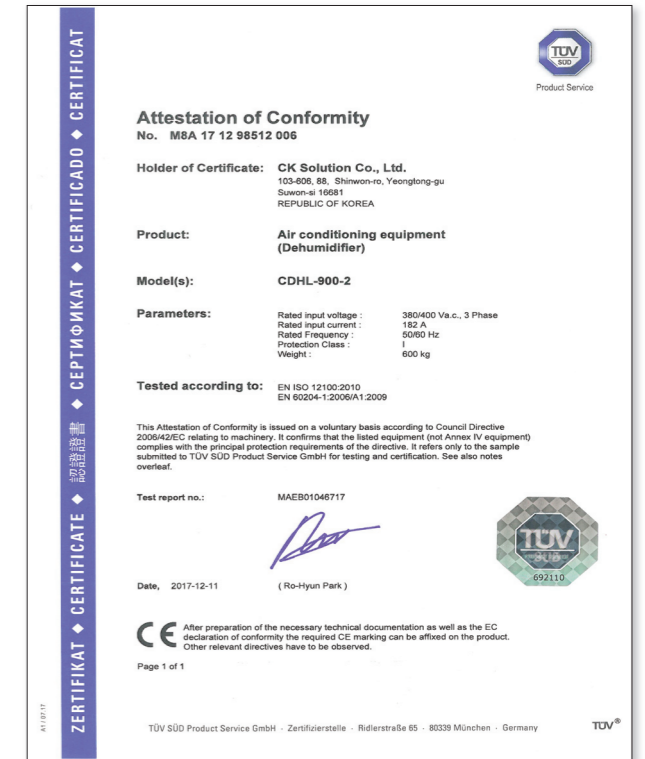


INNO-BIZ Certificate

## CE CERTIFICATE



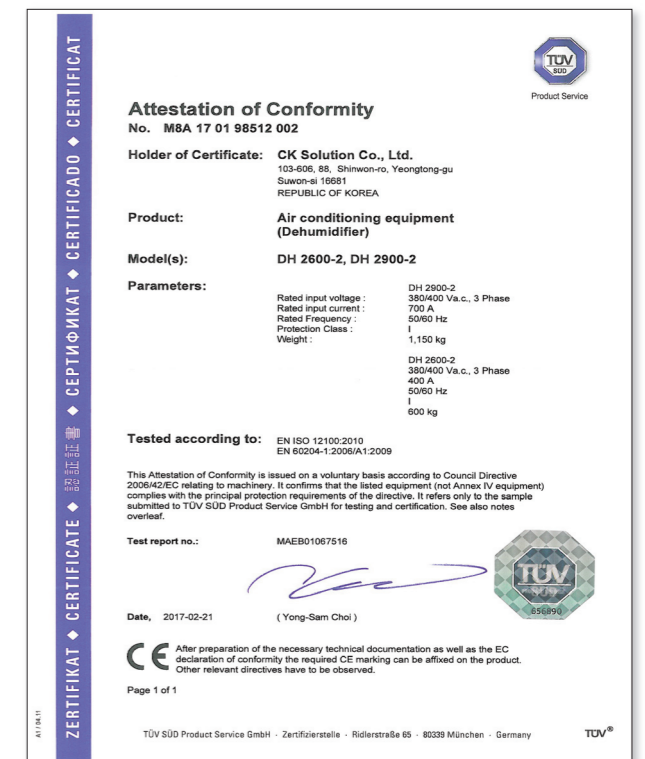
FFU CE Certificate



DHU CE Certificate



BCU CE Certificate



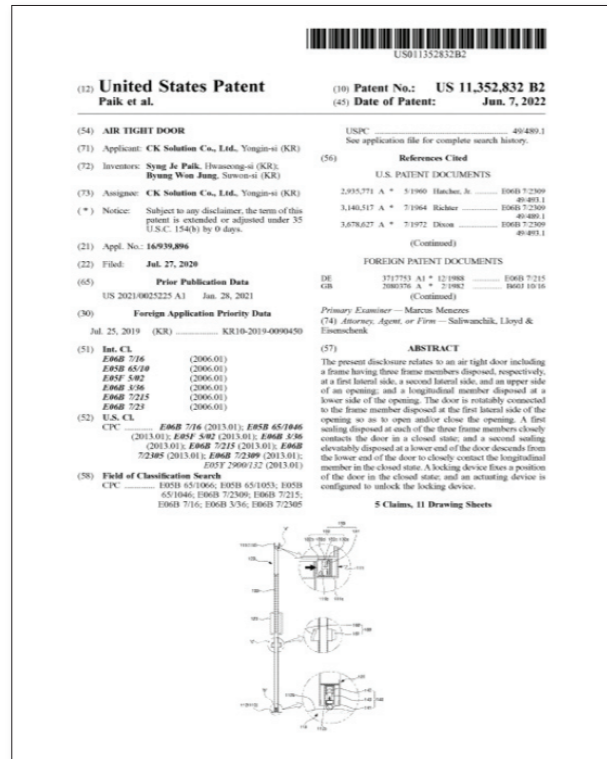
DHU CE Certificate

# CERTIFICATES

## US PATENTS & DESIGN REGISTRATION



USA PATENT



USA PATENT

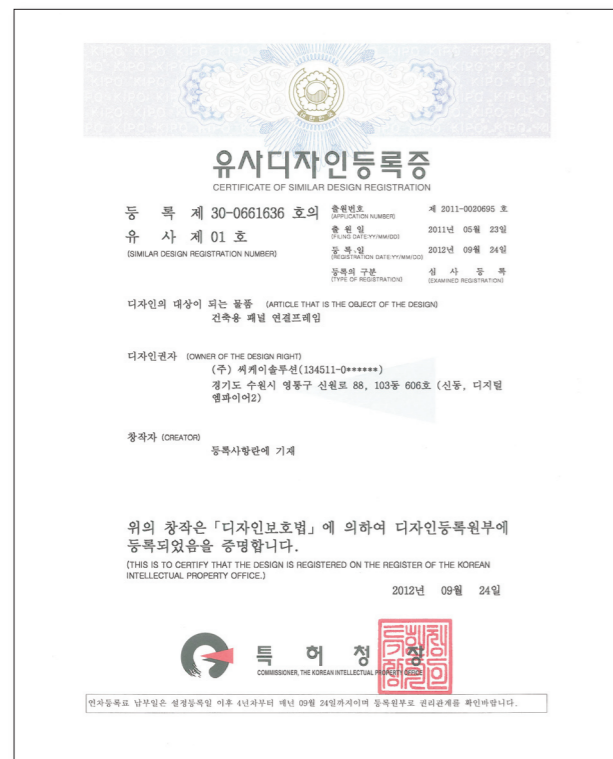
## DESIGN REGISTRATION



Certificate of Similar Design Registration: Connection Frame for construction Panel



Certificate of Design Registration: Connection Frame for Construction Panel



Certificate of Similar Design Registration: Connection Frame or construction Panel



Certificate of Design Registration: Connection Frame for Construction Panel



Certificate of Similar Design Registration: Connection Frame for construction Panel



Certificate of Design Registration: Connection Frame for Construction Panel

# CERTIFICATES

## PATENTS



PATENT CONTENTS : Dry Room Only Water Proof Panel



PATENT CONTENTS : Dry Room Operating Cost Saving System



PATENT CONTENTS : Multi-stage dehumidification system for partial dehumidification of dry room



PATENT CONTENTS : Air-Tight Door



PATENT CONTENTS : Moisture Prevention Blocking of Panel Frame



PATENT CONTENTS : Protection of DP Sensor from Electrolyte Gas



PATENT CONTENTS : Opening/Closing guide for Hanger Doors of Air-Shower Booths

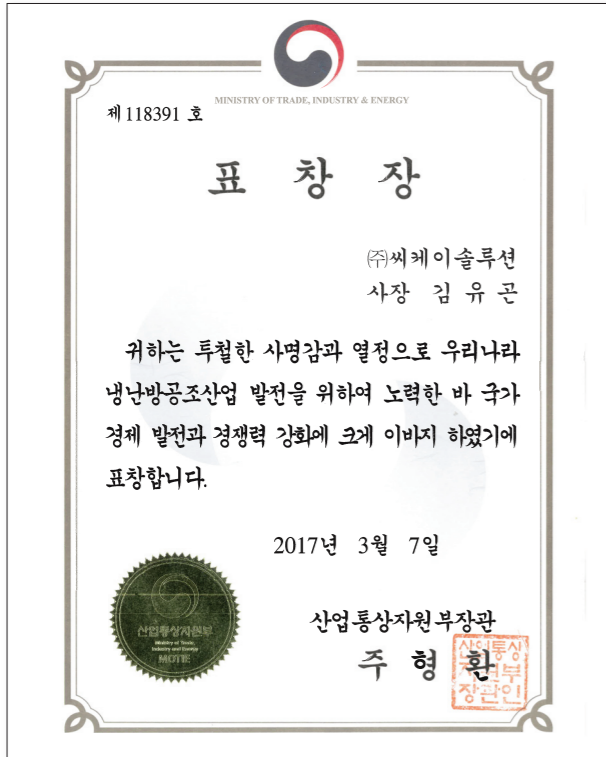


PATENT CONTENTS : Dehumidification System with Dual Dehumidifying Rotor



# CERTIFICATES

## AWARDS



Minister of Trade Industry Award \_ HVAC&R sector



Presidential Award \_ Export Trade sector



Award \_ Certificate for Outstanding Export Performance



Award \_ 2023 Small and Medium Enterprise of the Year (DR System)

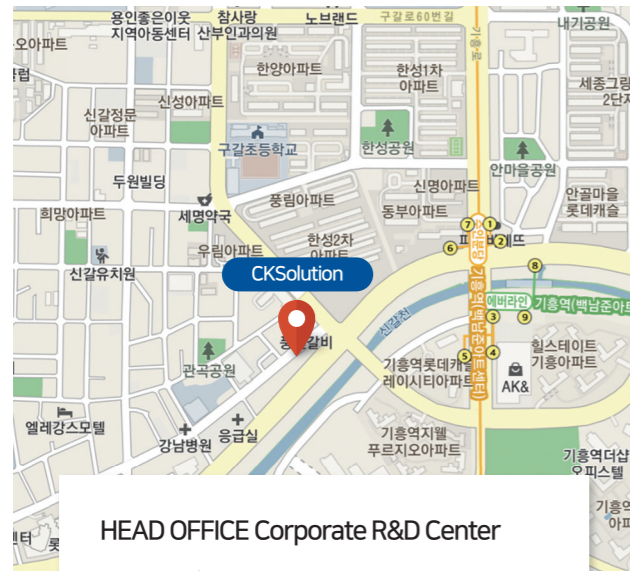


Best Engineering Company,  
Leading the Best Hi-Tech HVAC and Electrical Facility Construction

# GLOBAL NETWORK

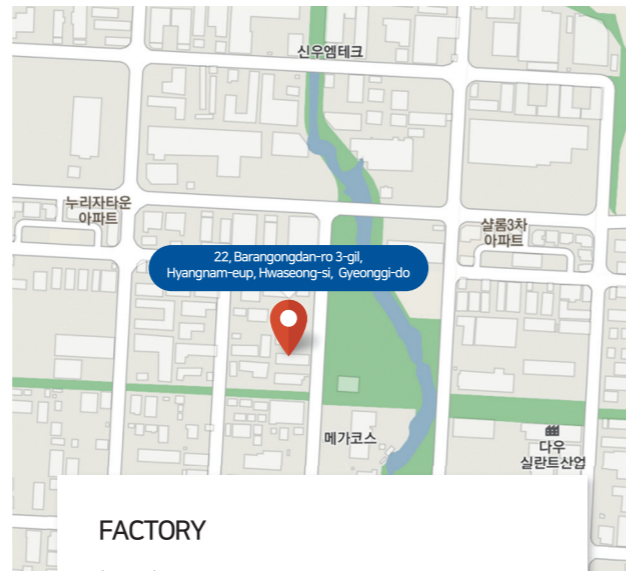
(DOMESTIC)

## HEAD OFFICE& FACTORY



### HEAD OFFICE Corporate R&D Center

17064 CK B/D,32,Singu-ro 12beon-gil, Gi-heung-gu  
Yongin-si, Gyeonggi-do, Republic of Korea  
Tel +82-31-203-7770  
Fax +82-31-282-2006, 2011



### FACTORY

(18623) 22, Barangongdan-ro 3-gil, Hyangnam-eup,  
Hwaseong-si, Gyeonggi-do, Republic of Korea  
Tel +82-70-4938-5938  
Fax +82-31-282-2028

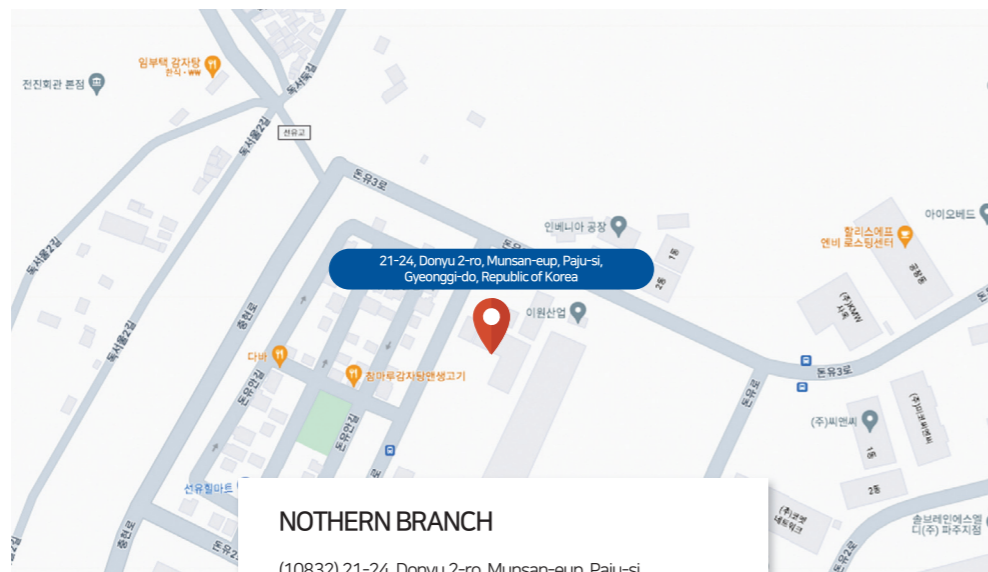
## CENTRAL BRANCH



### CENTRAL BRANCH

(28378) 17, SeohyeonDong-ro, Heungdeok-gu,  
Chengju-si, Chungcheongbuk-do, Republic of Korea  
Tel +82-43-239-0640~2  
Fax +82-43-239-0646

## NOTHERN BRANCH



### NOTHERN BRANCH

(10832) 21-24, Donyu 2-ro, Munsan-eup, Paju-si,  
Gyeonggi-do, Republic of Korea  
Tel 031-954-2313~4  
Fax 031-954-2315

## CHEON-AN OFFICE



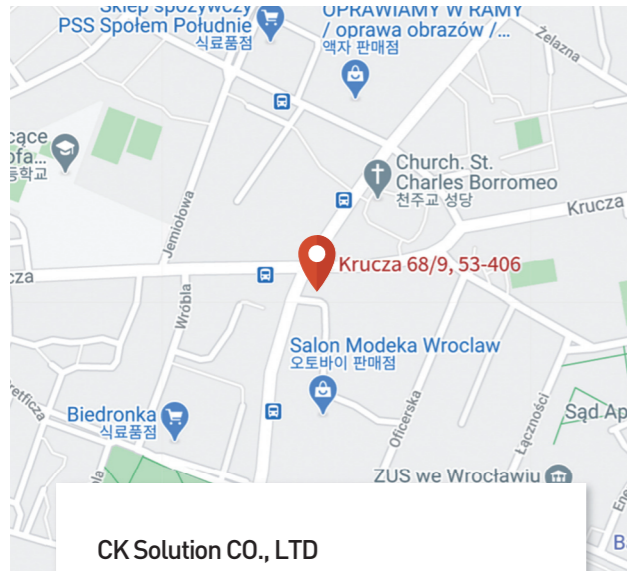
### CHEON-AN OFFICE

(31089) 210, 10, Dujeonggo 7-gil, Seobuk-gu,  
Cheonan-si, Chungcheongnam-do, Republic of Korea  
Tel 031-203-7770  
Fax 031-282-2006

# GLOBAL NETWORK

(OVERSEA)

## POLAND & HUNGARY CORPORATION



**CK Solution CO., LTD**  
Krucza 68/9, 53-411 Wrocław, Polska

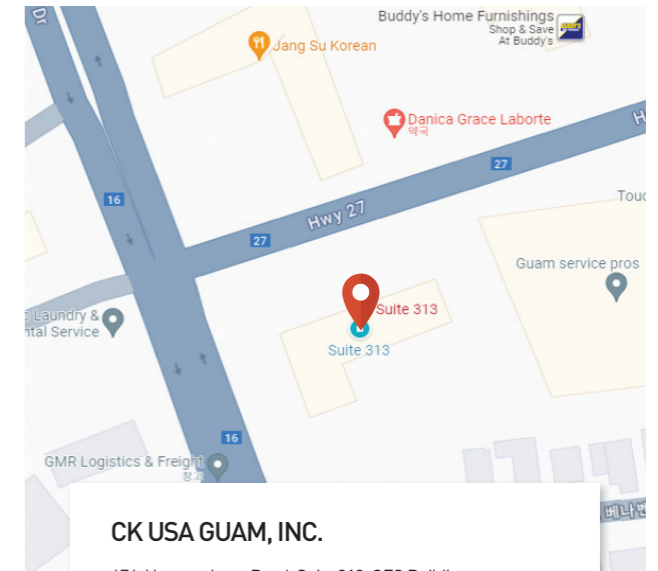


**CK SOLUTION Kft.**  
1053 Budapest, Szep street no.5 1st floor 3rd door

## VIETNAM & GUAM CORPORATION

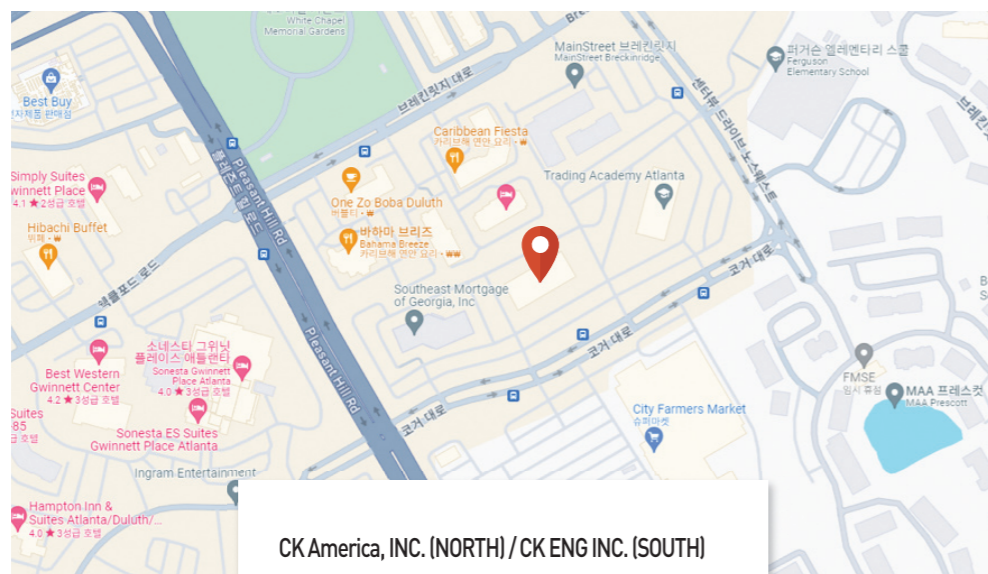


**CK ENGINEERING VIETNAM CO., LTD**  
Tầng 6 tòa tháp ngôi sao, Đường Dương Đình Nghệ, KĐT mới cầu giấy, phường Yên Hòa, quận Cầu Giấy, TP Hà Nội, Việt Nam



**CK USA GUAM, INC.**  
674, Harmon Loop Road, Suite 313, GFC Building, Dededo, Guam, 96929

## U.S. (North, South) CORPORATION



**CK America, INC. (NORTH) / CK ENG INC. (SOUTH)**  
3555, Koger Blvd, STE 310, Duluth GA 30096, USA

## INDONESIA BRANCH & MAYLAYSIA CORPORATION



**CK SOLUTION, CO., LTD**  
District 8 Prosperity Tower Lantai 15 Unit 1, Jalan Jendral, Sudirman Kavling 52-53, Senayan, Kebayoran Baru, Jakarta, Selatan, DKI Jakarta, 121903

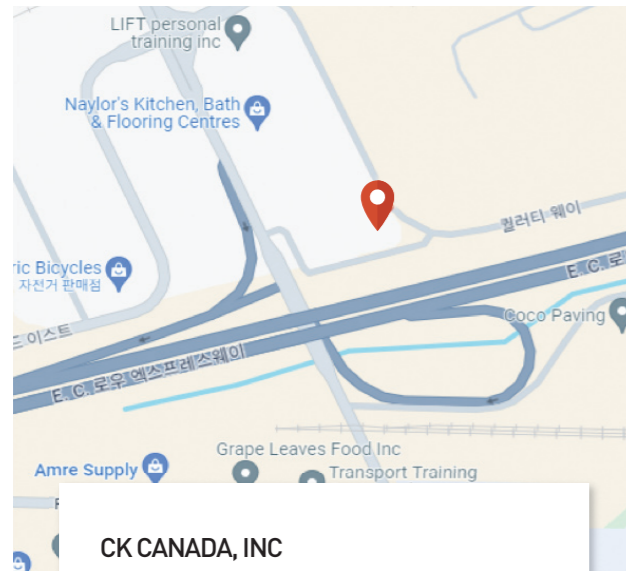


**CK SOLUTION SDN, BHD.**  
No. 26-1, Jalan Senawang Perdana 1, Taman Senawang Perdana, 71450 SEREMBAN, Negeri Sembilan, Malaysia

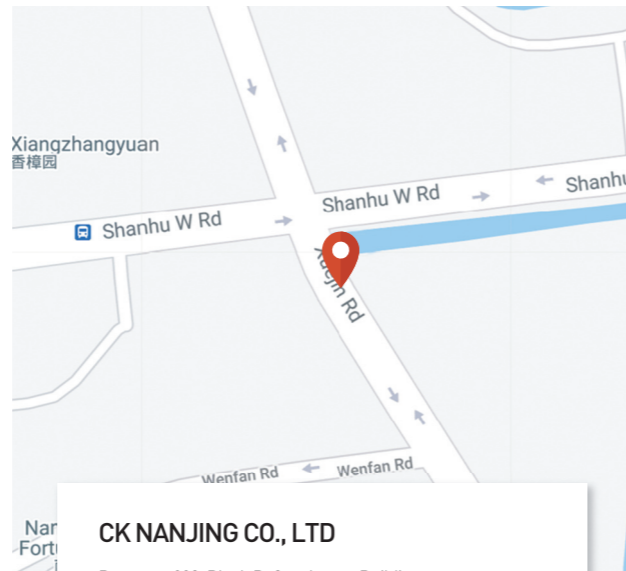
# GLOBAL NETWORK

(OVERSEA)

## CANADA & CHINA CORPORATION



**CK CANADA, INC**  
3295 Quality Wy, Windsor, ON, CANADA



**CK NANJING CO., LTD**  
Room no. 803, Block B, Gaochuang Building,  
No.8 Xuejin Rd, Qixia District, Nanjing, China

# PERFORMANCES

Main Construction and Equipment Delivery



Best Engineering Company,  
Leading the Best Hi-Tech HVAC and Electrical Facility Construction

# MAJOR BUSINESS PERFORMANCE

## DRYROOM CONSTRUCTION (DOMESTIC)



Project Name : LGES DR HVAC Construction  
Client : LG Energy Solution (Cheong-Ju)  
PJT Period : 2018~Processing



Project Name : LGCHEM DR HVAC Construction  
Client : LG CHEM (Cheong-Ju, O-Chang)  
PJT Period : 2010~Processing



Project Name : Samsung SDI Cheon-An M bd, E bd DR Construction  
Client : Samsung SDI (Cheon-An, Gi-Heung)  
PJT Period : 2010~Processing



Project Name : Samsung SDI SMRC All-Solid State DR Construction  
Client : Samsung SDI Future-Tech Campus (Suwon)  
PJT Period : 2016~Processing



Project Name : All-Solid State Pilot Dry Room Construction  
Client : Lotte Energy Materials (Ik-San)  
PJT Period : 2024~Processing



Project Name : Vitzrocell Material Develop DR Facility Construction  
Client : Vitzrocell (Dang-Jin)  
PJT Period : 2010~Processing



Project Name : Chung-Ju Factory All-Solid State DR Construction  
Client : NanoCamp (Chung-Ju)  
PJT Period : 2023~Processing



Project Name : 3rd Factory Battery DR Construction  
Client : L&F (Dae-gu)  
PJT Period : 2023~Processing

## DRYROOM CONSTRUCTION (DOMESTIC)



Project Name : Samsung Material Research DRY ROOM  
Client : Ceil Industries, Samsung SDI (Suwon)  
PJT Period : 2013



Project Name : Xeno Energy Dry Room Construction  
Client : Xeno Energy  
PJT Period : 2017



Project Name : Cell Battery Electrode DRY ROOM Construction  
Client : Posco Chemtech (Se-Jong)  
PJT Period : 2012 ~ 2015



Project Name : ACELine DRY ROOM Construction  
Client : Samsung SDI (Gi-Heung)  
PJT Period : 2016



Project Name : ADD Dry Room Construction  
Client : Agency for Defense Development (Nanjing, China)  
PJT Period : 2016



Project Name : Samsung Material Research P4 Dry Room Construction  
Client : Samsung SDI (Suwon)  
PJT Period : 2016



Project Name : SKON Battery #2bd Dry Room Low-Temp Rotor Construction  
Client : SKON (Seo-San)  
PJT Period : 2023



Project Name : Cell Battery Dry Room Construction  
Client : SM Bixel  
PJT Period : 2023

# MAJOR BUSINESS PERFORMANCE

## DRYROOM CONSTRUCTION (OVERSEA)



**Project Name :** SDIEM Dry Room Construction (2nd Factory)  
**Client :** Samsung SDI (Seremban, Malaysia)  
**PJT Period :** 2022~Processing



**Project Name :** SKIET P#2,3&4 Dry Room EPC Construction  
**Client :** SKIET (Katowice, Poland)  
**PJT Period :** 2021~Processing



**Project Name :** VINFAST Dry Room Construction  
**Client :** NEWTIMES (Hiphong, Vietnam)  
**PJT Period :** 2020~Processing



**Project Name :** LGESWA Dry Room Construction  
**Client :** LGEnergy Solution (Wroslaw, Poland)  
**PJT Period :** 2019~Processing



**Project Name :** SDIHU Dry Room Construction  
**Client :** Samsung SDI (God, Hungary)  
**PJT Period :** 2017~Processing



**Project Name :** LGCN Dry Room Construction  
**Client :** LGEnergy Solution (Bingang, China)  
**PJT Period :** 2019~Processing



**Project Name :** SKBH Dry Room Construction  
**Client :** SKInnovation (Komarom, Hungary)  
**PJT Period :** 2018~2020



**Project Name :** LG P4 Dry Room Construction  
**Client :** GS E&C (Wroslaw, Poland)  
**PJT Period :** 2021~2022

## ICR (Industrial Clean Room) CONSTRUCTION



**Project Name :** Asflow #1,2 F/L ICR Construction  
**Client :** Asflow (Hwa-Seong)  
**PJT Period :** 2019~Processing



**Project Name :** SKOH#2 CR,DR & NMP Construction  
**Client :** SK EE (Ivancza, Hungary)  
**PJT Period :** 2022~Processing



**Project Name :** SKK Research #1,2 BD ICR Construction  
**Client :** Sung Kyun Kwan University (Suwon)  
**PJT Period :** 2022~Processing



**Project Name :** LG ELECTRONIC CLEAN ROOM Construction  
**Client :** GS E&C (Egypt)  
**PJT Period :** 2013 ~ 2014



**Project Name :** CLEAN ROOM SYSTEM Construction  
**Client :** Hyundai Mobis (Chung-Ju)  
**PJT Period :** 2012



**Project Name :** Yong-In R&D Center Clean Room Construction  
**Client :** Samsung Tales (Yong-In)  
**PJT Period :** 2014



**Project Name :** Display CLEAN ROOM Construction  
**Client :** Il-Jin Display (Pyeong-Taek)  
**PJT Period :** 2012 ~ 2015



**Project Name :** 1st Factory CLEAN ROOM Construction  
**Client :** Lotte Aluminum (An-San)  
**PJT Period :** 2020

# MAJOR BUSINESS PERFORMANCE

## ICR (Industrial Clean Room) CONSTRUCTION



**Project Name :** CLEAN ROOM SYSTEM Construction  
**Client :** Nextstar Energy (Hwa-Seong)  
**PJT Period :** 2012 ~ 2020



**Project Name :** Vitzromiltech CLEAN ROOM Construction  
**Client :** Vitzromiltech (Pyeong-Taek)  
**PJT Period :** 2017

## BCR (Bio Clean Room) & HACCP, GMP CONSTRUCTION



**Project Name :** SD Biosensor GMP Construction  
**Client :** SD Biosensor (Suwon)  
**PJT Period :** 2020~Processing



**Project Name :** Abbott GMP Construction  
**Client :** Abbott (Yong-In)  
**PJT Period :** 2012~Processing



**Project Name :** Dentium Industrial Center BCR, GMP Construction  
**Client :** Heung Deok E&C (Suwon)  
**PJT Period :** 2020



**Project Name :** Bionote HACCP&GMP HVACFacilityConstruction  
**Client :** Bionote (Hwa-Seong)  
**PJT Period :** 2020~Processing



**Project Name :** BAYER CLEAN ROOM Construction  
**Client :** BAYER KOREA (Ansan)  
**PJT Period :** 2015



**Project Name :** SKK GMP Construction  
**Client :** Sung Kyun Kwan University(Suwon)  
**PJT Period :** 2021~2022

## FACILITY CONSTRUCTION (Machinery, Special, Utility, Precision Air Conditioning, etc.)



**Project Name :** Electrode Coater Heat Exhaust Duct & Hot Oil Pipe Construction  
**Client :** Ultium Cells(Ohio, U.S.)  
**PJT Period :** 2021~Processing



**Project Name :** LGD Paju P9, P10 CR&UT Construction  
**Client :** Xi C&A (Paju)  
**PJT Period :** 2019~Processing



**Project Name :** Electrode #1 ME BOOTH Construction  
**Client :** Ultium Cells(Ohio, U.S.)  
**PJT Period :** 2020~2021



**Project Name :** Electrode #1~6 Heat Exhaust Duct & Hot Oil Pipe Construction  
**Client :** Nextstar Energy(Windsor, Canada)  
**PJT Period :** 2022~Processing



**Project Name :** SKBM Hook-Up Construction  
**Client :** Hyundai Engineering(Komarom, Hungary)  
**PJT Period :** 2020~2021



**Project Name :** SKBH 1st & 2nd Hook-Up Construction  
**Client :** SK Innovation (Komarom, Hungary)  
**PJT Period :** 2019~2020



**Project Name :** LGESWA Coater Heat Exhaust Duct / Hot Oil Pipe Construction  
**Client :** LGEnergy Solution (Poland)  
**PJT Period :** 2018~2020



**Project Name :** LGCNB Coater Heat Exhaust Duct & Hot Oil Pipe Construction  
**Client :** LG Energy Solution (Nanjing, China)  
**PJT Period :** 2019

# MAJOR BUSINESS PERFORMANCE

## FACILITY CONSTRUCTION

(Machinery, Special, Utility, Precision Air Conditioning, etc.)



**Project Name :** India Factory Extension Facility Construction  
**Client :** Hyundai Mobis (India)  
**PJT Period :** 2014



**Project Name :** UT1bd Pipe Construction  
**Client :** Samsung SDI (Cheon-An)  
**PJT Period :** 2012



**Project Name :** O-Chang Small 3rd Bd Electrode Pilot Pipe Construction  
**Client :** LG CHEM (Cheong-Ju, O-Chang)  
**PJT Period :** 2020



**Project Name :** SDI Cheon-An M2 Facility Hook-up Construction  
**Client :** Samsung SDI (Cheon-An)  
**PJT Period :** 2023



**Project Name :** Stadium Precision AC System Construction  
**Client :** Securo (Baku, Azerbaijan)  
**PJT Period :** 2012



**Project Name :** LG CHEM Low-Temp Storage, Precision AC System Facility Construction  
**Client :** LG CHEM (Cheong-Ju)  
**PJT Period :** 2013 ~ 2016



**Project Name :** Sebang Battery Data Center Precision AC System Construction  
**Client :** Sebang Battery  
**PJT Period :** 2016~2018



**Project Name :** LG U+ Pyeong-Chon NC Data Center Construction  
**Client :** Xi C&A (Pyeong-Chon)  
**PJT Period :** 2024 ~ Processing

## COE/ FED FACILITY CONSTRUCTION



**Project Name :** FED Enlisted Bachelor Quarters Facility Construction  
**Client :** DaeWooE&C, Seilens  
**PJT Period :** 2023~Processing



**Project Name :** FED Pyeong-Tack Family Housing Facility Construction  
**Client :** Yojin E&C  
**PJT Period :** 2020~Processing



**Project Name :** COE O-san Church Facility Construction  
**Client :** Il-Gwang E&C  
**PJT Period :** 2021~Processing



**Project Name :** FED Humphrey Prison Facility Construction  
**Client :** Woo Seok E&C  
**PJT Period :** 2021~Processing



**Project Name :** Gimpo etc. Old Water Pipe Replacement Construction  
**Client :** Korea Land & Housing Corporation (LH)  
**PJT Period :** 2021



**Project Name :** Middle School Gym and Cafeteria Facility Construction  
**Client :** Paju Education Administration  
**PJT Period :** 2022



**Project Name :** Summer Breeze, Vista Facility Construction  
**Client :** Core-Tech (Guam, U.S.)  
**PJT Period :** 2022~Processing



**Project Name :** P309 Navy Combat Element Construction  
**Client :** GO JV(Guam, U.S.)  
**PJT Period :** 2023~Processing



# MAJOR BUSINESS PERFORMANCE

## MECHANICAL FACILITY INTEGRATED ENGINEERING DESIGN BUSINESS



**Project Name :** LGCN Vehicle Battery #2 bd DR Design Engineering  
**Client :** LGCN (Bingang, China)  
**PJT Period :** 2017



**Project Name :** SKIHU Battery 1st Factory DR Design Engineering  
**Client :** SK Innovation (Komarom, Hungary)  
**PJT Period :** 2017~2018



**Project Name :** LGCWA Battery Factory DR Design Engineering  
**Client :** LGCWA (Wroslaw, Poland)  
**PJT Period :** 2019



**Project Name :** SKI China Battery BUE CR&DR Design Engineering  
**Client :** SK Innovation (Changzhou, China)  
**PJT Period :** 2020



**Project Name :** SKK LAB Clean Room Design Engineering  
**Client :** Sung Kyun Kwan University  
**PJT Period :** 2022



**Project Name :** LGES Humid HVAC System Design Engineering  
**Client :** LG Energy Solution  
**PJT Period :** 2023



**Project Name :** SKON Seo-San 3rd Factory Design Engineering  
**Client :** Seon-Jin E&C Global  
**PJT Period :** 2022



**Project Name :** All-Solid State Clean Room Design Engineering  
**Client :** Lotte Energy Materials  
**PJT Period :** 2023

## CUSTOMER SERVICE



**Project Name :** [Future-Tech Campus] SDI Dehumidifying HVAC Equipment Maintenance  
**Client :** Samsung SDI  
**PJT Period :** 2023~Processing



**Project Name :** Engine Testing HVAC Facility Maintenance  
**Client :** Korea Environment Corporation  
**PJT Period :** 2021~Processing



**Project Name :** Dehumidifier Material Replacement  
**Client :** ECOPRO BM  
**PJT Period :** 2023



**Project Name :** LG Energy Plant HVAC Steam-coil Replacement  
**Client :** LG Energy Solution  
**PJT Period :** 2023



**Project Name :** Low-Temp. Storage Outdoor Fan Inspection  
**Client :** SKC Hi-tech & Marketing  
**PJT Period :** 2021



**Project Name :** Dry Room Cooler Outdoor Fan Repair  
**Client :** Korea Institute of Ceramic Engineering & Technology  
**PJT Period :** 2021



**Project Name :** SDB O-Song Factory DOOR Construction  
**Client :** Yeong-Tech  
**PJT Period :** 2023



**Project Name :** Samsung SDI Cheon-An M2bd Rotor Seal Inspection  
**Client :** Samsung SDI (Cheon-An)  
**PJT Period :** 2023

# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## Dry Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
1	2012. 01	Samsung Engineering	STMDehumidifierInstallation Construction	Dehumidifier900-2
2	2012. 01	Samhwa Electronic(Cheong-ju)	Dehumidifyfacility Installation Construction	Dehumidifier1200-2
3	2012. 02	Kochip	Dry Room Construction	Dehumidifier1200-2
4	2012. 03	VITZROCELL	Dry Room Construction	Dehumidifier2100-2 * 2
5	2012. 03	GSE&C	LGCNDry Room Construction	Dehumidifier, BCU28 units, Chiller
6	2012. 04	Posco Chemtech	Dry Room Installation Construction	Dehumidifier1200-2
7	2012. 05	LGCHEM(Cheng-ju)	ITFilm) OLEDDry Room Installation	AHU6 units, Clean Equipment
8	2012. 05	KRICT	Dry Room Construction	Dehumidifier1200-2 * 1
9	2012. 05	IOXUS	Dry Room Panelconstruction	Dehumidifier900-2 * 1
10	2012. 06	Techland	RIST(Po-Hang Instituteof IndustrialScienceand Technology) DRConstruction	Dehumidifier1200-2 * 1
11	2012. 09	Korea Univ.	Korea Univ. Dry Room Construction	Dehumidifier900-2 * 1
12	2012. 09	Ulsan Technopark	Ulsan Technopark Dry Room Construction	Dehumidifier900-2 * 1
13	2012. 10	ECRI	Dry Room ConstructionforComponentsResearch Institute(Seong-Nam)	Dehumidifier900-2 * 1
14	2012. 10	SBLimotive	SBLimotive Dry Room Construction	Dehumidifier&Clean Equipment
15	2012. 10	Samsung SDI	Samsung SDIDry Room Construction	Dehumidifier&Clean Equipment
16	2013. 01	VITZROCELL	Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
17	2013. 01	Samsung SDI(Cheonan)	Electronic1f/Lanode 20%ofdehumidifying	Dehumidifier2100-2 * 1
18	2013. 01	CETechnology	Dry Room Construction	Dehumidifier900-2 * 1
19	2013. 02	Samsung SDI	Samsung SDI 2nd Factory, Dry Room Construction	Dehumidifier&Clean Equipment
20	2013. 03	LGCHEM(O-Chang)	Dry Roomchambermanufactureand Installation Construction	Dehumidifier
21	2013. 03	Samsung SDI(Tianjin)	Samsung SDI(Tianjin), Dry Room Extension Construction	Dehumidifier&Clean Equipment
22	2013. 04	Shinsung Engineering	Samsung SDI(Tianjin) Polymer#18line, Dry Room Extension Construction	Dehumidifier&Clean Equipment
23	2013. 05	Samsung Electronic	SMRCDry Room Construction(Electronic)	Dehumidifier&Clean Equipment
24	2013. 05	Samsung Electronic	SMRCDry Room Construction	Dehumidifier&Clean Equipment
25	2013. 07	LGCN	China Nanjing Dry Room Extension Work	Dehumidifier&CleanEquipment/Chiller
26	2013. 08	Hyosung	Dryer#1,#2 DehumidifierInstallation Construction(1500-1)	Dehumidifier&CleanEquipment/Chiller
27	2013. 08	Samsung Electronic	Samsung SDI, Dehumidifierand AdditionalConstruction	Dehumidifier
28	2013. 09	Samsung SDI(Tianjin)	Samsung SDI(Tianjin) Cathode Electrode, BCUInstallation Construction	BCU
29	2014. 01	Samsung Electronic	SMRCDry Room AdditionalConstruction	Dehumidifier&CleanEquipment/Chiller
30	2014. 01	IOXUS(NYC)	Dry Room Construction	Dehumidifier
31	2014. 01	Posmate	Dry Roominstallation Construction	Dehumidifier
32	2014. 01	Purichem	Dry Room Installationand Construction	Dehumidifier, DRP
33	2014. 02	Samsung SDI(Tianjin)	Samsung SDI(Tianjin) PolymerLine Extention Construction	Dehumidifier&CleanEquipment/Chiller

## Dry Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
34	2014. 03	Samsung SDI (Malaysia)	Samsung SDIMalaysia 2F/L, Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
35	2014. 05	Samsung SDI(Cheon-an)	Cathode Mixing PowderRoom, 20% Dehumidification Construction	Dehumidifier&CleanEquipment/Chiller
36	2014. 05	Samsung Electronic	DehumidifierRelocation&DRConstructionforSamsungAdvancedInstituteofTechnology	Dehumidifier&CleanEquipment/Chiller
37	2014. 07	OR2	OR2 Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
38	2014. 07	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an)Electrode5%DehumidificationConstructionfor33G2stepPress	Dehumidifier&CleanEquipment/Chiller
39	2014. 09	Samsung SDI(Ulsan)	Samsung SDI(Ulsan), Dry Room Equipment Installation Construction	Dehumidifier&CleanEquipment/Chiller
40	2014. 09	Samsung SDI(Ulsan)	Samsung SDI#4 line, Dry Room Renovation Construction	Dehumidifier&CleanEquipment/Chiller
41	2014. 09	Samsung SDI(Seo-An)	A-Project(Samsung SDI), Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
42	2014. 11	Shinsung Engineering	Ellectric#4-2 line(PHEV-TAB) Extension_Dry Room	Dehumidifier&CleanEquipment/Chiller
43	2014. 12	Samsung SDI(Tianjin)	Samsung SDI(Tianjin) Electrode, Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
44	2014. 12	Samsung SDI(Tianjin)	Samsung SDI(Tianjin) Polymer, Dry Room Renovation Construction	Dehumidifier&CleanEquipment/Chiller
45	2015. 02	LNPDisplay	Dry Room Facility Construction	Dehumidifier&CleanEquipment/Chiller
46	2015. 02	Posco Chemtech	Posco Chemtech Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
47	2015. 04	Xenoenergy	Dry Room Extension Construction	Dehumidifier&CleanEquipment/Chiller
48	2015. 04	LGCN	LGCNElectric2nd Factory, Dry Room Construction(Equipment Delivery)	Dehumidifier&CleanEquipment/Chiller
49	2015. 04	Vitrocell	Vitrocell(Dry Room Extensionand Construction	Dehumidifier&CleanEquipment/Chiller
50	2015. 05	SKKUniv.	Seong-Kyun-Kwan Univ., Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
51	2015. 06	Dalsung Tech.	KICET(Jeon-Ju), Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
52	2015. 06	Posco Chemtech	Posco Chemtech, Dry Room Extension Construction	Dehumidifier&CleanEquipment/Chiller
53	2015. 07	Samsung SDI(Tianjin)	Samsung SDI(Tianjin), 200ppm Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
54	2015. 08	Sebang Electronics	Sebang Electronics, Dry Room Extension Construction	Dehumidifier&CleanEquipment/Chiller
55	2015. 09	LGCN	LGCNElectric#5 B/D, Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
56	2015. 12	Xenoenergy	Dry Room Extension Construction	Dehumidifier&CleanEquipment/Chiller
57	2015. 12	LGElectronic	LGCHEM(O-Chang), PartialDehumidifying Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
58	2016. 02	Posco ESM	Posco ESM, Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
59	2016. 04	Etootech	Etootech Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
60	2016. 05	Samsung SDI(Tianjin)	Electrode Dry Room Construction	Dehumidifier&CleanEquipment/Chiller
61	2016. 07	Samsung SDI(Tianjin)	Samsung SDI(Tianjin), BCUReplacement Construction	BCU
62	2016. 07	Samsung SDI(Tianjin)	TSDI, BCUReplacement Construction	BCU
63	2016.08	Samsung SDI	Samsung SDIk-project, DRConstruction	Dehumidifier, AirShower, BFU, PassBox
64	2016.09	ADD	ADD(AgencyforDefense Development) Dry Room Construction	Dehumidifier, AirShower, OAC
65	2016.10	SERVEONE	LGCHEMPoland Project, DRConstruction	Dehumidifier, BCU, AirShower, BFU
66	2016.10	TIPA	Iljin Materials, Dry Room Construction	Dehumidifier

# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## Dry Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
67	2016.10	LGCHEM (O-Chang)	LGCHEM(O-Chang) 2F/L, Dry Room Extension Construction	Dehumidifier
68	2016.11	SERVEONE	LGCHEMPoland, DRConstruction	
69	2016.11	SERVEONE	LGCN#2 Electrode, Dry Room Construction	Dehumidifier, HEPABOX
70	2016.12	Samsung SDI(Gi-heung)	Samsung SDI(Gi-heung) 1F/LACEline Extension Work	Clean Equipment
71	2017.02	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an),RenovationConstructionofBCUReplacement&HEPAFilterInstallationofDehumidifier	Dehumidifier, BCU
72	2017.02	TSDI	TSDI, BCUReplacement Construction	BCU
73	2017.02	SERVEONE	SERVEONELGCNES, Dry Room Construction	Dehumidifier, BCU
74	2017.02	TSDI	TSDIPolymer, Dry Room Renovation Construction	Dehumidifier
75	2017.04	Shinsung Engineering	Shinsung Engineering SMRC, Dry Room Installation Construction	
76	2017.05	Xenoenergy	Xenoenergy Dry Room Construction	Dehumidifier, Chiller, BRAINPUMP
77	2017.05	LGCWA	LGCWASafety B/D, Dry Room Construction	Dehumidifier, AirShower
78	2017.06	VITZROCELL	Vitzrocell Factory(LNPI), Dry Room Extension Construction	ROTOR
79	2017.06	VITZROCELL	Vitzrocell Factory, Dry Room&Facility Construction	ROTOR, PassBox
80	2017.07	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an) M-PJT, Dry Room Construction	Dehumidifier, BCU
81	2017.07	Samsung Electronic (Suwon)	Samsung Electronic(Suwon) SMRCDisassembly B/D, Dry Room Construction	Dehumidifier
82	2017.08	LGCN	LGCN#5 B/D Dry Room(#1,2 F/LElectrode Line), DRConstruction	Dehumidifier, BCU
83	2017.08	SDIHU	SDIHU, Extension Dry Room Extension Construction	Dehumidifier, BCU
84	2017.10	VITZROCELL	Vitzrocell, Dry Room Facility Construction	Dehumidifier, Chiller, BCU, PassBox
85	2017.11	NESCAP	Nescap, Dry Room Facility Construction	Dehumidifier, Chiller
86	2017.12	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an) M-Project Electrode, Dry Room Construction	Dehumidifier, BCU, AirShower, BAU
87	2018.01	LGCN	LGCN#6 B/DDry Room	Dehumidifier, Filters, BCU, BFU
88	2018.01	SERVEONE(POLAND)	SERVEONE(Poland) 101B/DFuture, Dry Room Construction	Dehumidifier, BCU, Air, Shower
89	2018.01	HansolChemical	HansolChemical, Dry Room Construction	Dehumidifier
90	2018.01	VITZROMILTECH	Vitzromiltech, Dry Room Facility Construction	Dehumidifier, Chiller, BCU, PassBox
91	2018.02	TSDI	TSDIPolymerDehumidifier	Dehumidifier
92	2018.03	Samsung SDI(Suwon)	Samsung SDI(Suwon) SMRCP4 Cathode Coater, Dry Room Construction	Dehumidifier, CDU, AirShower
93	2018.03	Sevenking Energy	Sevenking Energy, Dry Room Facility Construction	Dehumidifier, Precision AC
94	2018.04	TSDI	TSDIDehumidifierInstallation Construction(2900*1)	Dehumidifier
95	2018.04	SDIHU	SDIHU1Line ESS, Dry Room Construction	
96	2018.05	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an) M3, Dry Room Construction	Dehumidifier
97	2018.05	SKInnovation	SKInnovation, D/R&C/RConstruction	Dehumidifier,AHU,BCU,BFU,AirShower,HepaBox
98	2018.06	LGCN	LGCN #1B/D 2F, DehumidifierAdditionalConstruction	Dehumidifier
99	2018.06	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an) MEB, Dry Room Construction	Dehumidifier, BFU, BCU, AirShower

## Dry Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
100	2018.07	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an) Mixing#7, 20% Dehumidification Construction	Dehumidifier
101	2018.09	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an) Assembly, Extension Construction	
102	2018.09	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an) Mixing#4, 20% Dehumidification Construction	Dehumidifier
103	2018.10	SDIHU	SDIHUIIIPre-Charger, Dry Room Construction	BCU, AirShower
104	2018.10	Shinsug Engineering	Shinsung Engineering TSDI, Dry Room PanelConstruction	
105	2018.11	VINATECH	Vinatech Research LAB, D/R, C/RFacility Construction	Precision AC, AirShower
106	2018.11	SDIHU	SDIHUElectrode Extension, Dry Room Construction	Dehumidifier, BCU
107	2019.01	LGCHEM(O-Chang)	LGCHEM(O-Chang), Dry Room DehumidifierPCUConstruction	
108	2019.01	LGCNB	LGCNB 1STB/D, DREquipment Deliveryand Installation	Dehumidifier, BCU, AirShower
109	2019.01	LGCWA	LGCWAPoland Battery 3rd B/D, DRFacility Manufacturing Work	Dehumidifier, BCU, AirShower
110	2019.02	SDIHU	SDIHUElectrode Extension, Dry Room Construction	
111	2019.03	Samsung SDI(Ulsan)	Samsung SDI(Ulsan) Cathode Extension#10-12 Line, DRConstruction	
112	2019.03	CK	Vinatech Vietnam Factory, DRand Dehumidification Facility Construction	Dehumidifier
113	2019.05	SDIHU	SDIHUAssembly#1Lineand#5 HoperPre-ChargerD/RRenovation Construction	
114	2019.07	TOPBATTERY	Topbattery, Dry Room Facility Construction	
115	2019.08	SKKUniv.	Seong-kyun-kwan Univ., Dry Room Facility Construction	
116	2019.09	LGCNB	LGCNB 1st B/D, DREquipment Deliveryand Installation(Additional)	Dehumidifier
117	2019.09	Samsung SDI	Samsung SDIE4 B/D, Dry Room Construction	Dehumidifier
118	2019.09	VINFAST	Vietnam VFLAP, Dry Room Construction	
119	2019.09	Samsung SDI	Samsung SDIM2 B/D, NSLine Construction	Dehumidifier
120	2019.09	LGCWA	LGCWAPackB/D(formerheesung),DryRoom(disassembly/d)RenovationConstruction	Dehumidifier
121	2019.09	SDIHU	SDIHUElectrode Mixing/ Powder, Dry Room Construction	
122	2019.11	SDIHU	SDIHUAssembly 2nd Lineand#6 HoperPre-charger, Renovation Construction	
123	2019.12	KICET	KICETDehumidifierDeliveryand Installation	Dehumidifier, OAC, AirShower
124	2020.01	Samsung SDI	Samsung SDIE4 B/D, Dry Room AdditionalConstruction	
125	2020.01	SDIHU	SDIHU1st Factory, Dry Room(Assembly,Stack#1,2) Extension Work	Dehumidifier, BCU, AirShower
126	2020.02	CK	Vinatech Vietnam2nd Factory, DRFacility Construction	Dehumidifier, OAC, PassBox
127	2020.02	SDIHU	SDIHUElectrode Storage, Extension(Dry Room Renovation) Construction	
128	2020.02	ENAPS	Pesco RISTCathode, Utility Supply Construction Dry Room Installation Construction	Dehumidifier
129	2020.02	CK	CKS-CONNECT, Dry Room Renovation Construction	Dehumidifier
130	2020.03	SDIHU	SDIHU#1Factory Dry Room(Stack#1), DehumidifierAdditionalConstruction	
131	2020.04	SDIHU	SDIHU#1Factory, MultiDry Room Extension Work	Dehumidifier, BCU
132	2020.04	SDIHU	SDIHU#1Factory, MultiDry Room Extension Work	

# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## Dry Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
133	2020.06	Dongwha HU	Donghwa Dry Room, Low Temp., High Temp. Storage Construction	Dehumidifier, AHU, CDU
134	2020.06	Samsung SDI	Samsung SMRCP4 LAB, Dry Room Construction	Dehumidifier, BCU, AirShower
135	2020.08	LGCWA	LGCWADry Room, Reconstructionin B/D#103	
136	2020.08	SDIHU	SDIHU1STFactory, Dry Room(Stack#1,2) Extension Work	Dehumidifier, BCU, AirShower
137	2020.08	SDIHU	SDIHU1STFactory, Dry Room(Stack#3,4) Extension Work	
138	2020.09	SDIHU	SDIHU Assembly ControlRoom Construction	
139	2020.09	TOPBATTERY	Topbattery EOCeLl, Dry Room Construction	
140	2020.10	LGCWA	LGCWACeLl#3 Dry Room Equipment AdditionalConstruction	
141	2020.10	Samsung SDI	Samsung SDI(Cheon-an) Disassembly B/D, Facility Construction	
142	2020.11	Samsung SDI	Samsung SDIE4 B/D, DehumidifierConstruction	Dehumidifier
143	2020.11	S&I	S&INotching Expansion ConstructionforAssembly B/D#3	BCU
144	2020.12	SDIHU	SDIHU#6Line Construction	
145	2020.12	HansolChemical	Hansolchemical(Jeon-ju), Dry Room Construction	Dehumidifier
146	2020.12	LGESWA	LGESWADisassembly Room Constructionin B/D 601(QA)	Dehumidifier, ACTower
147	2021.01	SDIHU	SDIHU 1Factory Extension Additional Return Duct Construction	
148	2021.03	GSE&C	P4 Dry Room Facility Construction	
149	2021.03	SDIHU	SDIHU Stack#3,4Line Future Dry Room Extension Construction _ Hungary	
150	2021.04	Il-Jin Materials	Il-Jin Materials Ui-Wang office Dry Room Construction	
151	2021.05	SDIHU	SDIHU Stack#3,4 Future Dry Room Extension Construction _ Korea	
152	2021.05	Nanjing Serveone E&C	LGE China Nanjing BVE3 Construction [Additional]	
153	2021.06	Posco E&C	Posco Chemical Pohang Synthetic Graphite Anode Dry Room Construction	
154	2021.06	SDIHU	SDIHU 3-1Line Anode Dry Room Construction _ Korea	
155	2021.06	Samsung SDI	Cheon-An 25Line Dry Room Construction	
156	2021.06	Nanjing Serveone E&C	Battery 1st Factory Renovation Construction - Mechanical Facility Construction	
157	2021.06	SDIHU	SDIHU 2Factory STACK #5,6Line Electrode Dry Room Construction _ Hungary	
158	2021.07	SDIHU	SDIHU 2Factory STACK #5,6Line Electrode Dry Room Construction	
159	2021.07	S-Volt Technology	Dry Room Facility Construction	
160	2021.07	LG Energy Solution	O-Chang1 3RD FL Cell Analyzing Room HVAC Construction	
161	2021.07	LG Energy Solution	Battery 2 3rd FL Assembly Room Extension HVAC Construction	
162	2021.07	SKIET	M-Projectfor Poland Phase 2,3&4 Dry Room EPC Construction	
163	2021.08	Samsung SDI	Cheon-An M1 Electrode 5% Dehumidifying Capa Construction_ Building Facility	
164	2021.08	Samsung SDI	P2 DRY-ROOM Construction	
165	2021.09	NEWTIMES IMPORT EXPORT INDUSTRY SERVICES	VINFAST Dry Room Construction_400ppm cell plant	

## Dry Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
166	2021.09	Samsung SDI	Cheon-AnM1 Electrode5% Dehumidifying Capa Construction (Electricity)	
167	2021.10	VINES ENERGY SOLUTIONS JOINT STOCK COMPANY	DRY ROOM OF CELL LAB PROJECT	
168	2021.10	Samsung SDI	SDICheon-An M1 Electrode 5% Dehumidifying Capa Construction(Additional)	
169	2021.10	Seoul National University	Dry Room Construction	
170	2021.10	SDIHU	SDIHU 2Factory Electrode Dry Room Construction 11Line _ Korea	
171	2022.01	ENCHEM	Cheon-An-Manufacture BD Dry Room Construction	
172	2022.01	INO GUARD	YeonSei University Chemical Life Engineering Dep. Dry Room Construction	
173	2022.02	LG Chem	Cathode Material 3) K3,4 line Raw Material Input Room Dehumidifier Construction	
174	2022.02	JS _ Chung-ju	Korea 1st_1.8million Ton High Nickel Cathode Material New Line E&C PJT Dry Room Construction	
175	2022.02	Ulsan Techno Park	Lithium Secondary Battery Dry Room Construction	
176	2022.02	SDIHU	SDIHU 1Factory Stack#5-80 Dry Room Lay-out Change Extension Construction (Korea)	
177	2022.02	SDIHU	SDIHU 2nd Factory 11Line Dry Room Construction _ Hungary	
178	2022.03	SDIHU	SDIHU 2Factory Electrode Dry Room Construction 12Line_Korea	
179	2022.03	SDIHU	SDIHU 1Factory Stack#5-80 Dry Room Lay-out Change Extension Construction (Hungary)	
180	2022.04	Samsung SDI	M1 BD 46 n Line Extension Infra Facility Construction	
181	2022.05	LG Energy Solution	IT Material 3rd BD Pilot #6 HVAC Facility Construction	
182	2022.06	Vitzromiltech	Dry Room Extension Construction	
183	2022.07	CI Solid	Dry Room Construction	
184	2022.09	SDIEM	Malaysia Circle 2nd Factory Extension (Dry Room)	
185	2022.09	Samsung SDI	Cheon-An Circle 46n M Line Dehumidifier Construction	
186	2022.09	NEWTIMES	Dry Room Construction_400 ppm Cell Plant	
187	2022.10	Samsung SDI	Cheon-An 46n M1BD 3rd FL Assembly Dry Room Construction	
188	2022.11	INCHEMS	Ulsan Factory Dry Room Construction	
189	2022.11	LGES NB	LGESNB 2nd BD 1st FL Electrode Cathode Roll Press & slitter STK Dehumidifying 1% Construction	
190	2022.11	SDIHU	SDIHU 2Factory Electrode Dry Room Construction 12Line	
191	2022.12	Samsung SDI	M1BD 3rd FL 46n DR Construction	
192	2022.12	Samsung SDI	M1BD 1st FL Electrode, Cathode Mixing 1.3% Construction(Equipment)	
193	2023.01	Samsung SDI	46n M1BD 3rd FL Assembly Dehumidifier and Pipe, Duct	
194	2023.02	Remplir	Song-San Factory Dry Room Construction	
195	2023.02	LG Energy Solution	O-Chang1st Factory ESOC Pilot #6 ME Construction	
196	2023.03	LG Energy Solution	O-Chang Energy Plant IT Material 3rd BD Pilot#6 HVAC Equipment Construction	
197	2023.04	Vitzrocell	New BD Dry Room & Dehumidifier System Construction	
198	2023.04	Xi C&A	LGES O-Chang1Factory Dry Electrode and High-voltage Activation Mechanical Facility Construction	

# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## Dry Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
199	2023. 04	Shinsung Engineering Lab	SDIEM Anode Particulate Material Mixing BCU	
200	2023. 04	LG Energy Solution	0-Chang1 Cyclor Room Duct Demolition and HVAC Restoring Construction	
201	2023. 05	Samsung SDI	SDICheon-An M1BD 25 Line BCU Extension Construction	
202	2023. 05	NANOCAMP	Chung-Ju Factory All-Solid State Dry Room Construction	
203	2023. 05	Russel Run Tech	Hansol Chemical Ik-San Factory All-Solid State LAB Dry Room Construction	
204	2023. 06	Samsung SDI	SDICheon-An Electrode Pilot Dry Room Construction	
205	2023. 06	SMBEXEL	Ample Battery and Cell Battery Dry Room Construction	
206	2023. 06	LG Energy Solution	Energy Plant Auto Mobile 2 ESS CS Room Duct Demolition and HVAC Normalization	
207	2023. 07	Samsung SDI	Samsung Future-Tech Campus P4 BD All-Solid State Dry Room Restoring Construction	
208	2023. 08	LNF	3rd Factory Quality BD Battery Evaluation DR Construction	
209	2023. 10	SKON	SKON Battery 1ST BD 2Line 3rd FL Dehumidifier Rotor Change Construction	
210	2023. 10	Solum Advanced Materials	Hwa-Sung Factory Dry Room Construction	
211	2023. 10	SNT	Production of Temperature and Humidity Control Device for Operation of Disassembly Analysis Room	
212	2023. 10	GS E&C	[Cell Battery Tech Lab] Dry Room [SB-EA-09]	
213	2023. 11	RIST	Fluidized Process Equipment, Type FBCR - 10 and Accompanying Facilities	
214	2023. 11	Nepes ENC	SDI Gu-mi CNT Extension Dry Room Construction	
215	2023. 11	SKOH	SKOH2 Stainless Steel Floor Plate Installation Work	
216	2023. 12	Samsung SDI	Samsung Future-Tech Campus P401-17 LAB Renovation 및 Solid Electrolyte Construction	
217	2023. 12	Samsung SDI	SDI Cheon-An M1BD Dehumidifier Rotor change Construction	
218	2023. 12	Phil Energy	Osan Factory Dry Room Construction	
219	2023. 12	Phil Energy	Osan Factory Dry Room Dehumidifier Manufacturing Construction	
220	2023. 12	Posco Silicon Solution	BOP Factory Dry Room Construction	
221	2023. 12	Samsung SDI	Cheon-An M1BD Electrode 5% Dehumidifying Construction[Dehumidifier etc.]	
222	2023. 12	Shinsung Engineering Lab	Guem Yang Cell Battery Factory Dry Room Construction	
223	2023. 12	ENCHEM	Enchem Hungary Dry Room Construction	
224	2023. 12	SDIHU	SDIHU #13, 14Line Electrode D/R Construction	
225	2024. 01	Hana Tech	Yong-In Office Dry Room Construction	
226	2024. 01	Lotte Energy Materials	All-Solid State Pilot Dry Room Construction	
227	2024. 01	Seoul National University	Dry Room Construction	
228	2024. 02	SK ON	SKON Seo-San Factory Utility Hookup Construction	
229	2024. 02	Shemeka	Shemeka Factory Dry Room Construction	
230	2012.01	LGCHEM(O-Chang)	BFUReplacementforCoating 4-unitof OpticalB/D#2	Clean Equipment BFU120 units
231	2012.05	ENJENIC	Clean Room Construction	AHU&CLEANEquipment

## Clean Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
232	2012.07	CN4E&G	GS Engine Room Construction	AHU&Clean Equipment/ Chiller
233	2012.07	Shinsung Engineering	HYUNDAIMOBIS, Clean Room Construction	AHU&Clean Equipment/ Chiller
234	2012.09	NexstarTechnology	Clean Room Construction	AHU&Clean Equipment/ Chiller
235	2012.12	NexstarTechnology	FFUDelivery	FFU
236	2012.12	NexstarTechnology	FFUDelivery	FFU
237	2012.12	Samhwa Condensor	AHU Renovation Construction	AHU
238	2012.12	Samsung Electronics (PHILIPPINES)	Clean Room Construction	AHU&Clean Equipment
239	2013.01	NexstarTechnology	FFUDelivery(600*600)	FFU
240	2013.01	NexstarTechnology	FFUDelivery(400*400)	FFU
241	2013.01	LGCHEM(Cheng-ju)	ITFilm ITOFactory, C/RConstruction	AHU&Clean Equipment/ Chiller
242	2013.02	NexstarTechnology	FFUDelivery(600*1200/400*400)	FFU
243	2013.02	NexstarTechnology	FFUDelivery(600*1200)	FFU
244	2013.02	NexstarTechnology	FFUDelivery(600*1200)	FFU
245	2013.03	NexstarTechnology	FFUDelivery(600*600)	FFU
246	2013.03	NexstarTechnology	FFUDelivery(1200*600/400*400)	FFU
247	2013.04	Nare Nanotech	Clean Room Installation Construction	AHU&Clean Equipment/ Chiller
248	2013.04	LGCHEM(Cheng-ju)	ITFilm Adhesive Coating#3, CRConstruction	AHU&Clean Equipment/ Chiller
249	2013.05	KRICT	Dehumidifying Room Installation Construction	Dehumidifier&Clean Equipment
250	2013.05	Samsung SDI(Tianjin)	Samsung SDI(Tianjin), 20% DehumidifierInstallation Construction	Dehumidifier&Clean Equipment
251	2013.05	LGCHEM(Cheng-ju)	ITFilm Aging Room, Extension Construction	Precision AC, BFU
252	2013.09	NareNanotech	R&D, Clean Room Layout Change Construction	AHU&Clean Equipment/ Chiller
253	2013.09	ILJIN-Display	T13FL, Lay-Out Changeand Construction	AHU&Clean Equipment/ Chiller
254	2013.09	IILJIN-Display	Paneland Electronic Construction	
255	2013.10	LGElectronic	EGKr2nd Clean Room Construction	AHU&Clean Equipment/ Chiller
256	2013.12	HyundaiMobis	HYUNDAIMOBIS INDIAFactory, Clean Room Construction	AHU&Clean Equipment/ Chiller
257	2013.12	GSE&C	EGYPT, Clean Room Construction	AHU&Clean Equipment/ Chiller
258	2014.02	Samsung Tales	YONG-INResearch Lab, Clean Room Construction	AHU&Clean Equipment/ Chiller
259	2014.04	HyundaiMobis	HYUNDAIMOBIS INDIAFactory, Clean Room AdditionalConstruction	AHU&Clean Equipment/ Chiller
260	2014.06	GSE&C(EGYPT)	LGEEGClean Room AdditionalConstruction	AHU&Clean Equipment/ Chiller
261	2014.06	Shinsung Engineering	R&DcenterPLCConstruction	PLC
262	2014.09	DENSOKOREA	2FLRE-Modeling Construction	AHU
263	2014.09	LGCHEM(Cheng-ju)	LGCHEM(Cheng-ju), Clean Room Construction	AHU&Clean Equipment/ Chiller
264	2014.10	Samsung SDI(Ulsan)	AHU(FFU) Installation Construction	AHU

# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## Clean Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
265	2014.10	OR2	PASSBOX Manufacturing and Installation	Clean Equipment
266	2014.10	HYUNDAIMOBIS	HYUNDAIMOBISCHINAYeom-Seong Factory, Clean Room Construction	AHU&Clean Equipment/ Chiller
267	2014.10	LGELECTRONIC	EGKr-2nd Project Additional Construction	AHU&Clean Equipment/ Chiller
268	2015.03	HYUNDAIMOBIS	HYUNDAIMOBISFactoryCleanRoomConstruction(EquipmentInstallation,Duct,PLC)	AHU&Clean Equipment/ Chiller
269	2015.09	LGCHEM(Cheng-ju)	LGCHEM(Cheng-ju) OLED, Clean Room/ Construction	AHU&Clean Equipment/ Chiller
270	2015.10	LGElectronics	LGCHEM Battery B/D, Additional Construction	Dehumidifier&CleanEquipment/Chiller
271	2016.03	Samsung SDI(Gi-heung)	FFU Replace and PLC Construction	FFU
272	2016.06	Samsung SDI(Tianjin)	Dehumidifier(9EA)&Hepa Filter Box Additional Construction	DehumidifierRENOVATION
273	2016.11	LGELECTRONIC	HYUNDAIMOBISCheong-Ju Factory, Clean Room	AHU&Clean Equipment/ Chiller
274	2017.04	SDIHU	SDIHUK-Project Press/ Slitter, Booth Installation	Booth
275	2017.04	LGCHEM(O-Chang)	LGCHEM(O-Chang)AnodeMixerB/D,DehumidificationCapacityIncreaseConstruction	Dehumidifier
276	2017.06	ASFLOW(Suwon)	ASFLOW(Suwon), Clean Room Construction	AHU&Clean Equipment/ Chiller
277	2017.06	SDIHU	Additional Replacement Work for Epoxy/ Panel/ Fixed Window/ Autodoor	
278	2017.11	LGCHEM(O-Chang)	LGCHEM(O-Chang)#1CoaterB/D, Dehumidification Capacity Increase Construction	Dehumidifier, AHU
279	2018.04	LGCWA	LGCWAPanelInstallation Work	
280	2018.05	LGCWA	LGCWAElectrode B/D, C/R(Cathode/Anode) Installation Construction	Air Shower, BFU, Hepa Box
281	2018.08	Samsung SDI(Cheon-an)	Samsung SDI(Cheon-an) Packing Room, CR Construction	AHU&Clean Equipment/ Chiller
282	2018.10	SERVEONE(POLAND)	SERVEONE(Poland) M05, Automatic Control(201,301,102) Construction	
283	2018.12	LGCMI	LGCMI/MEBOOTHInstallation(Electrode#2)	
284	2019.03	LGCWA	LGCWAM/MEBOOTHInstallation(Electrode#8)	
285	2019.03	LGCWA	LGCWAM/MEBOOTHInstallation(Electrode#9)	
286	2019.03	SDIHU	SDIHUAssembly/Electrode Panel Installation Construction	FFU
287	2019.05	NexstarTechnology	NexstarTechnology Renovation Construction	Dehumidifier, AHU, Air Shower
288	2019.06	CK	CK Daesung Tech Ulsan Battery R&D Center Construction	
289	2019.08	LGCHEM(O-Chang)	LGCHEM(O-Chang) MEBOOTH Installation	
290	2019.11	LGCWA	LGCWACELL/MEBOOTHInstallation(Electrode#19)	
291	2019.11	LGCWA	LGCWACELL/MEBOOTHInstallation(Electrode#23)	
292	2019.11	LGCWA	LGCWACELL/MEBOOTHInstallation(Electrode#24)	
293	2019.11	LGCWA	LGCWACELL#5LV. MEBOOTH Installation	
294	2019.11	LGCWA	LGCWACELL#5LV. MEBOOTH Installation	
295	2019.11	KRICT	KRICT Facility Installation for Manufacturing Solar Cell Clean Room B/D	AHU&Clean Equipment/ Chiller
296	2019.12	Hyundai Engineering	Hyundai Engineering SK Battery Manufacturing Plant Project (SKBM)_ Facility Package 2	Dehumidifier, Dehumidifier, BFU, Hepa Box, Air Shower, BAU
297	2019.12	ASFLOW	ASFLOW Clean Room Construction	AHU&Clean Equipment/ Chiller

## Clean Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
298	2020.05	SECL	SECLSDIHURollPressPart, Additional Panel Installation	
299	2020.06	HyundaiR&D Center	HyundaiR&D Center, Clean Booth Facility Installation for Powder Prevention	AHU&Clean Equipment/ Chiller
300	2020.06	NexstarTechnology	NexstarTechnology C/R Additional Construction	
301	2020.07	Kirin E&C	Kirin E&C, Clean Room Additional Construction	AHU&Clean Equipment/ Chiller
302	2020.08	LGCMI	LGCMI Electrode B/DSlitter, MEBOOTH Installation Construction	
303	2020.08	Lotte Aluminum	An-San#1st Factory, Clean Room Construction	AHU&Clean Equipment/ Chiller
304	2020.09	Semi-TS	Semi-TS, C/R Construction/ EHP Installation	
305	2020.12	LGENS	GMJVElectrode, M/EBOTH Installation(#1)	
306	2021. 01	Sung Kyun Kwan University	Sung Kyun Kwan Univ. Quantum Info Research Center Clean Room Construction	
307	2021. 03	LG ENERGY SOLUTION WROCLAW Sp. z o.o.	ESWA Multi-BD Clean Room and Office, Storage HVAC Equipment Construction	
308	2021. 07	AMST	AMST Suwon Factory Clean Room Extension Construction	
309	2021. 08	Hanhwa Solution	[Pan-Gyo LAB] 5FL NEW LAB Construction	
310	2021. 12	LG Energy Solution	O-Chang 1st BD 1FL Coater Oven Pilot Equipment HVAC Construction	
311	2022. 01	Sung Kyun Kwan University	Quantum Info Research Center #81317 Test Bed room (Clean Room) Construction	
312	2022. 01	B&MEDI	B&MEDI Dehumidifying Facility Construction	
313	2022. 01	SK Ecoengineering	SKOH#2 CR/DR & NMP Duct Work	
314	2022. 04	Vitzromiltech	Clean Room Relocating Construction	
315	2022. 06	Bionote	4th Factory 2FL Negative Pressure LAB Construction	
316	2022. 11	SD BioSensor	Yeong-Tong Factory ABD 8FL LAB Construction	
317	2023. 04	Bionote	3Factory 3FL Layout Change Construction (Dehumidifier, HVAC Equipment Relocation)	
318	2023. 09	Doo-Min	Doo Min 3rd Factory Clean Room Renovation Construction	

# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## Environment Plant Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
319	2012.10	Johnson's Controls	Hyundai Kia Motors Namyang R&D Center, Supplementation Work For Dust Collection Facility Supplementation	equipment maintenance
320	2020.01	LG CHEM (Cheng-ju)	Plant 2, Exhaust Pipe Installation Work For Environmental Test B/D	

## Low Temp. Storage Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
321	2012.05	The One	The One's Refrigerated Warehouse Construction	Cooling Unit* 6sets
322	2013.11	Korea Research Institute of Chemical Technology	Low-temperature warehouse installation work of Korea Research Institute of Chemical Technology	Cooling Unit* 4sets
323	2014.12	LG CHEM (Cheng-ju)	LG CHEM (Cheng-ju), IT Refrigeration Warehouse Installation Work	Precision Air Conditioning unit, HEPA BOX FILTER
324	2015.03	LG CHEM (Cheng-ju)	LG CHEM (Cheng-ju), New Installation of Frozen Warehouse for FSA Finished Products	
325	2020.03	Korea Abbott Diagnosis	Korea Abbott Diagnosis, installation work for cold room back-up cooling system	Unit cooler, outdoor unit
326	2021.05	Lotte Aluminum (An-San Factory)	1st Factory New BD Aging Room Construction	

## Precision AC System Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
327	2012.01	LGCN	Hybrid System Construction	Precision Air Conditioning System
328	2012.01	Securo	Azerbaijan Bakusi Stadium Equipment Construction	Precision Air Conditioning System (40HP*2sets/20HP*2sets)
329	2012.02	Samsung Electronics	Installation work of Precision Air Conditioning unit	Precision Air Conditioning System
330	2012.05	Green Builders	Nanjing LG Electronics, anechoic chamber facility construction	Precision Air Conditioning System
331	2012.05	Samwha Capacitor	Repair work of Precision Air Conditioning unit	Precision Air Conditioning System
332	2012.07	SK CHASS (Cheon-an)	Installation work of Precision Air Conditioning unit	Precision Air Conditioning System
333	2012.09	Bayer Korea	Installation work for QC Sample storage room (constant temperature room)	Precision Air Conditioning System
334	2012.11	SD	Installation work of Precision Air Conditioning unit	Precision Air Conditioning System
335	2012.11	Samsung Engineering	A2E computer room, installation work of Precision Air Conditioning unit	Precision Air Conditioning System
336	2013.09	Denso Poongseong	Air Conditioning Improvement Project - 1st for Denso Poongseong Factory	AHU/ Chillers
337	2013.09	Samsung Electronics	NR2 BD, Installation work of Precision Air Conditioning unit	Precision Air Conditioning System
338	2013.09	Samsung Electronics	SR1BD, Installation work of Precision Air Conditioning unit	Precision Air Conditioning System
339	2014.11	Samsung Electronics	SR3BD, Installation work of Precision Air Conditioning unit	Precision Air Conditioning System
340	2015.06	Shinsung Engineering	Samsung Electronics (Gi-heung), additional installation work for Precision Air Conditioning	AHU, CLEAN Equipment, Chillers
341	2015.09	SD	Installation work of Precision Air Conditioning unit (1st factory)	Precision Air Conditioning System
342	2016.01	Eps Engineering	Korea Environment Corporation, Air Conditioning improvement work for engine laboratory	AHU/ Chillers
343	2016.01	Sebang Battery	Sebang battery, Installation work of Precision Air Conditioning unit	Precision Air Conditioning System
344	2023.03	SamHwa Electronics	Hybrid Cap Precision AC System (Dehumidifying Room) Extension Construction	
345	2024.02	Xi C&A	LG U+ Pyeong-Chon NC Data Center Construction Mechanical Facility Construction (Data Center 9F, 7FLay-out Change)	

## Dehumidifying Room Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
346	2021.06	LG Energy Solution	O-Chang Electrode Pilot #3 Roll Press, Coater ME Construction	
347	2021.07	LG Energy Solution	IT Material 1st BD EV Pilot, Charge and Discharge Room Construction	
348	2021.08	Abott	1st Factory Fitting Room Construction	
349	2021.12	LG Chem	Battery Material #4) HVAC Specification Change Construction	
350	2022.02	LG Energy Solution	IT Material 1st BD 2FL Monitoring Room Ceiling Renovation Construction	
351	2022.03	LG Energy Solution	IT Material 1st BD Test Lab, Office HVAC Construction	
352	2022.08	Xi C&A	LGES O-Chang 1st Factory Extension Construction C/R (MR) Facility Construction	
353	2022.09	Xi C&A	O-Chang 1st Factory Extension Construction C/R (MR) Facility Construction - 3rd BD Demolition Construction*	



# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## HACCP&GMP Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
354	2012.06	SD	SD 2nd Factory 2, 4F/L Clean Room Construction	AHU&Clean Equipment/ Chiller
355	2012.12	SD	2F/L Clean Room Construction	AHU&Clean Equipment/ Chiller
356	2012.12	SD	Bora B/D 2F/L Clean Room Construction	AHU&Clean Equipment
357	2013.03	SD	1st Factory Clean Room Renovation Construction	AHU&Clean Equipment/ Chiller
358	2013.04	SD	Clean Room Renovation Construction(1F/4F)	AHU&Clean Equipment/ Chiller
359	2013.09	SD	1F/L Clean Room L/O Change Construction	AHU&Clean Equipment/ Chiller
360	2014.01	SD	5FLL/O Change Construction	AHU&Clean Equipment/ Chiller
361	2014.05	SD	4F/ L/O Change Construction	AHU&Clean Equipment/ Chiller
362	2014.07	SDBiosensor	L/O Change Construction	AHU&Clean Equipment/ Chiller
363	2014.10	SD	SD 2nd Factory 2F, L/O Change Construction	AHU&Clean Equipment/ Chiller
364	2014.12	SD	SD 2nd Factory 3F/L, Dehumidifying Room Construction	Dehumidifier&Clean Equipment/Chiller
365	2016.04	SD	SD 2nd Factory 1FL, L/O Change Construction	AHU&Clean Equipment/ Chiller
366	2016.07	SD	2nd Factory 1,2F/L, L/O Change Construction	AHU&Clean Equipment/ Chiller
367	2017.03	BIONOTE	BIONOTE 3rd B/D, AHU Installation	AHU&Clean Equipment/ Chiller
368	2019.06	Korea Abbott Diagnosis	SD 2nd Factory, L/O Change Construction	
369	2020.02	Korea Abbott Diagnosis	Korea Abbott Diagnosis 1st Factory, 3F/LL/O Change Construction	Precision AC
370	2020.05	BIONOTE	Bionote Facility Construction	AHU, Precision AC, Hepa Box
371	2020.06	Korea Abbott Diagnosis	1st Factory 2FL, Dehumidifier Installation Construction	Dehumidifier, OAC
372	2020.09	Korea Abbott Diagnosis	Korea Abbott Diagnosis 2nd Factory, 3FLL/O Change Construction	
373	2020.10	Korea Abbott Diagnosis	Korea Abbott 1st Factory, 1,2,3FLL/O Change Construction	Dehumidifier, Precision AC, OAC
374	2020.10	Heung Deok E&C	Heung Deok E&C DENTUM 13F/L, Clean Room Construction	AHU&Clean Equipment/ Chiller
375	2020.12	Korea Abbott Diagnosis	Korea Abbott Diagnosis 2nd Factory, 6F/LL/O Change Construction	AHU, OAC
376	2021. 10	Korea Institute of Science and Technology	Low-Humid Room Facility Equipment Setting Construction	
377	2022. 02	Bionote	Dehumidifying Facility Construction	
378	2022. 02	Bionote	1st Factory 2nd BD 3FL Dehumidifier Construction	
379	2022. 02	Aim enterprise	Geum-Gok Factory 2BD 3FL Dehumidifying Facility Construction	
380	2022. 03	Aim enterprise	Geum-Gok Factory 1BD 1FL Dehumidifying Facility Construction	
381	2022. 08	Xi C&A	LGES O-Chang 1 Factory Extension Construction C/R(MR) Facility Construction	
382	2022. 09	Abott	R&D lay-out change	
383	2022. 10	Abott	2 Factory 2FL lay-out Change Construction	
384	2022. 11	SD Biosensor	O-song 1st Factory 4FL Dry Chamber Facility Construction	
385	2022. 12	Abott	1st Factory Device Line 1 Lay-Out Change Construction	
386	2023. 08	Sung Kyun Kwan University	Low-Humid Dehumidifier Setting Construction	
387	2023. 10	SNT	Advanced Solar Cell Battery Manufacturing Temp. Humid Controller Setting Construction	

## HVAC Mechanical Facility Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
388	2012.05	LG CHEM (Cheng-ju)	Environmental Improvement Work of Circuit Laboratory	AHU&Clean Equipment
389	2012.11	Samsung SDI (Cheon-an)	Energy Saving Piping Work for Atmospheric Cooling and Heat In UT1 B/D	large heat exchanger
390	2013.05	LG CHEM (O-Chang)	Air Conditioning Improvement Work for External Introduction of Water Substation for Small 2,3 Cars 1 and 2 B/Ds	OAC
391	2013.12	LG CHEM (O-Chang)	All Exhaust Air Conditioning Improvement Work On The 1st F/L of Yeosin#	exhaust fan
392	2014.03	LG CHEM (O-Chang)	Mobile 2nd B/D, Air Conditioning Work for Automobile Pack Assembly Room and Charging/Discharging Room	AHU, sirocco fan
393	2014.07	GSE&C	LGEEGHightemperature reaging construction	AHU
394	2014.09	Hyundai Mobis	Additional construction of Hyundai Mobis India plant	Large Dehumidifier&Clean Equipment/Chillers
395	2015.02	Samsung SDI (Cheon-an)	BCU Installation For 20% Dehumidification Condition In Anode Mixer Room 5	Large Dehumidifier&Clean Equipment/Chillers
396	2015.04	LG CHEM (Cheng-ju)	New Installation of Low Humidity Room for FS Metal	Dehumidifier, Air Shower, BFU
397	2015.11	LGCN	Air Conditioning Work for LGCN Battery B/D 5 Electrode Room (Electrode Room, Jumbo Roll, Pancake, Mixer)	Large Dehumidifier&Clean Equipment/Chillers
398	2016.01	Shinsung Engineering	Installation of AHU of Samsung Electro-mechanics Philippines Plant	AHU
399	2016.02	Samsung SDI (Gi-heung)	ACELINE (Anode), Dehumidifier Extension Work	Large Dehumidifier&Clean Equipment/Chillers
400	2017.03	Samsung SDI (Cheon-an)	Electrode Plate Process, HEPA Filter (612 Set) Installation-2nd	Hepa Filter
401	2017.04	LG CHEM (O-Chang)	Automobile B/D 2, Temperature Improvement Work	exhaust fan
402	2017.08	LG CHEM (O-Chang)	Automobile B/D 2, Air Conditioning Work for Electrode Packaging Room	Dehumidification AHU, Air Shower, Hepa Box
403	2017.12	LG CHEM (O-Chang)	Automobile B/D 2, Additional Installation of Dehumidifier for Assembly Room	Large Dehumidifier/Chillers
404	2018.01	LG CHEM (Cheng-ju)	Cathode Material Factory 3, Manufacture and Installation of Dehumidifying Air Conditioning and Dehumidifying Air Facilities	Dehumidifier
405	2018.02	LGCWA	LGCWA Electrode B/D, Anode Jumbo Roll Pancake Storage Room Air Conditioning Work	Large Dehumidifier
406	2018.04	LGCWA	LGCWACELL#3, Installation of Production Equipment	
407	2018.05	LG CHEM (O-Chang)	2nd Factory, Air Conditioning Piping and Duct Demolition Work Related to The Construction of Reliability B/D	
408	2019.02	LG CHEM (O-Chang)	2nd Factory Reliability B/D, 2nd Extension and Air Conditioning Work	AHU
409	2019.03	SDIHU	Environmental Improvement Work of SDIHU Office B/D	
410	2019.04	LG CHEM (O-Chang)	Plant 2, Battery Quality Safety B/D Air Conditioning Work	Dehumidifier, AHU
411	2019.05	LGCWA	SUS Steel Plate Installation Work in LGCWANotching Room	
412	2019.05	LGCWA	LGCWAElectrode Copper, Half Slitter and Wide Slitter Installation Work	
413	2019.05	LG CHEM (O-Chang)	Automobile 2nd Activation B/D, Rooftop Cell Decomposition Analysis Room Construction and Air Conditioning Work	Dehumidifier, ACTower
414	2019.07	LGCWA	LGCWAActivation B/D, Primary Pump Die and Hoist Production	
415	2019.07	LG CHEM (O-Chang)	2nd Factory Charging/Discharging Electric B/D, Extension and Air Conditioning System Supplement Work	ACTower
416	2019.09	SDIHU	Air Conditioning Improvement Work of SDIHU Pole Plate Entrance Locker Room	
417	2019.11	LG CHEM (O-Chang)	Plant 2, Toray Extension and Air Conditioning Additional Work	BCU
418	2019.12	SDIHU	SDIHU 92MSMOCK LOCKER Remodeling Work	
419	2019.12	LGCWA	LGCWAActivation B/D, Secondary Pump Die and Hoist Production	
420	2020.08	SDIHU	SDIHU New Back Door B/D Security and Safety Office Installation Work	
421	2020.08	LG CHEM (O-Chang)	Construction of Air Conditioning Room for Expansion of Small Battery Electrode Pilot Line	Dehumidifier



# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## HVAC Mechanical Facility Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
422	2020.08	LGCHEM(O-Chang)	Construction of additional Air Conditioning System on New Kitchen	OAC, Outdoor unit
423	2020.10	SDIHU	Installation of Lamps & Plumbing in AHU Room	
424	2020.11	SDIHU	Power Socket Hook-up Construction of Welfare B/DAV System	Piping
425	2020.12	LGCHEM(O-Chang)	Material Warehouse Improvement Work for Automobile Batteries and Small Battery B/D	
426	2020.12	LGCHEM(O-Chang)	O-chang Factory #1, Expansion Construction of Small 3-story Electrode Pilot 3 and Additional Air Conditioning Work	
427	2021.01	Xi C&A	LGD Paju P9 ToE CR&UT Construction DCC Pipe Construction (MTO)	
428	2021.02	Xi C&A	LGD Paju P9 ToE CR&UT Construction DCC Pipe Construction (ToE 30K)	
429	2021.03	S&I Corp.	P3 PJT Mechanical Facility Construction	
430	2021.07	LG Energy Solution	IT Material 1st BD Coating Stage Demolition Construction	
431	2021.08	Xi C&A	LGD Paju P9 ToE CR&UT Construction C/R Facility Construction (Mobile PO)	
432	2021.09	NamYangJu City Center	Byeol-Nae Dong, Cleanet Restoring Construction	
433	2021.09	LH	Gimpo-Masong 4-old Water Pipe Change Construction	
434	2021.10	Xi C&A	LGD Paju P10B CR&UT Construction HVAC Facility Construction Phase 1 (IT OLED)	
435	2022.03	Samsung SDI (Tianjin)	Circle Electrode Reducing Odor Improvement Facility Construction	
436	2022.04	LG Energy Solution	IT Material 1st BD, PTFE Room Demolition Construction	
437	2022.05	Paju Education Center	Girls Middle School Gym and Cafeteria Extension Mechanical Facility Construction	
438	2022.09	Core Tech International Corporation	SUMMER BREEZE DEVELOPMENT PH.1 MECHANICAL SYSTEM FOR APT BUILDING	
439	2022.09	Hyundai AM Nam-Yang LAB	Hyundai Automobile Clean Booth Dry Room	
440	2023.03	Core Tech International Corporation	Summer Vista Phase 1	
441	2023.04	HLB	Geum-Gok Factory Dehumidifier Demolition 및 An-Seong Factory Relocating Construction	
442	2023.10	LGESWA	HVAC_Ventilation_2023-2025	
443	2023.10	LGESWA	Cathode Roll Press #7,8 BCU Installation and Piping (Duct) Construction	
444	2023.11	LG Energy Solution	O-Chang EP1 IT3BD Pilot #6 2nd HVAC Construction	
445	2023.12	LG Energy Solution	O-Chang EP1 IT3BD Dry Electrode HVAC Construction	

## Utility Facility Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
446	2016.03	Bio Note	UTILITY Construction and Bio Note 4th F/L Additional Construction	AHU, CLEAN Equipment, Chillers
447	2017.04	LGCWA	Utility Hook-up Construction (Coolant/AIR/N2) for LGCWAAutomobile Assembly #1 and #2	Piping
448	2017.04	LGCWA	Utility Hook-up Construction (PKG Vacuum Piping) for LGCWAAuto Assembly #1, #2	Piping
449	2017.04	LGCWA	Utility Hook-up Construction (Exhaust Facility) for LGCWAAutomobile Assembly #1 and #2	Piping
450	2017.04	LGCWA	Utility Hook-up Construction (DGS Vacuum Piping) for LGCWAAutomobile Assembly #1 and #2	Piping
451	2017.08	LGCWA	Utility Hook-up Construction for LGCWA Quality Inspection Laboratory	Piping
452	2018.04	LGCWA	Utility Hook-up Construction for LGCWACELL #3	Piping
453	2018.04	LGCHEM(O-Chang)	Air Conditioning and Utility Construction for Toray SRS2B/DOF LGCHEM(O-chang)	largedehumidifier
454	2019.04	LGCWA	Hook-up Construction for LGCWA Integrated B/D 3	Piping
455	2019.04	SKIBH	Hook-Up Construction for SKIBH_1 stand 2nd Phase	Piping
456	2019.08	LGCWA	Air Pipe Expansion Installation for LGCWAAsembly #2, UT Bldg.	
457	2019.10	S&I	CR&UT Construction for S&I LGDPaju P9 ToE	
458	2019.11	LGCWA	Hook-up Construction for LGCWAAsembly #19~24	Piping
459	2020.03	SKBM	[SKBM Project Sirius] Electron Copper Hook-up Work	Piping
460	2020.05	SDIHU	Hook-Up Construction (Electricity) for SDIHUMulti5, Stack 1, 2 Facility	Piping
461	2020.07	SKBH	Hook-up Medium/HEPA Filter Delivery for SKBH 2nd	Filter
462	2020.11	LGCWA	Installation of Chamber in Electrode 5,6,7 Line	
463	2020.12	LGCWA	Connection Works for Exhaust & Supply in LGCWAAnode Coater #1,2,3,4	

# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## Heat Exhaust Duct / Hot Oil Pipe Special Facility Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
464	2018.02	SDIHU	Installation Renovation Work of OHT Line for SDIHU 1-1 Line	
465	2018.04	SDIHU	Expansion of SDIHU Battery Assembly (#3, 4 Line) and Expansion of Electrode Plate Line (1 Line Coater Extension)	Largedehumidifier, BCU
466	2018.07	LGCMI	Exhaust Duct Construction of Hot Oil Piping in The Coater Chamber of LGCMI Electrode #2	
467	2019.05	SDIHU	OHT Structural Reinforcement of SDIHU Assembly #1 Line	
468	2019.09	LGCWA	Supply and Exhaust Ducts and Hot Oil Piping for LGCWA Coater Units 5-7	Heat exchanger, BCU
469	2020.08	LGCHEM(O-Chang)	Hot Oil Piping Work for Electrode Pilot 3 of Small 3B/Din LGCHEM-O-chang Plant	
470	2020.12	LGCHEM(O-Chang)	Renovation of Hot Oil Piping of The Coater Room for Small 3B/DElectrode Pilot 3	
471	2021.01	Ultium Cells LLC	GM JV Electrode #1 Heat Exhaust Duct / Hot Oil Pipe Special Facility Construction	
472	2021.09	Ultium Cells LLC	Ultium Cells #2-4 Coater Heat Exhaust Duct / Hot Oil Pipe Special Facility Construction	
473	2021.10	Ultium Cells LLC	Ultium Cells #2-4 Coater Heat Exhaust Duct / Hot Oil Pipe Special Facility Construction (Korea)	
474	2022.04	Ultium Cells LLC	ULTIUM CELLS #2-4 SUPERVISOR	
475	2022.06	Ultium Cells LLC	ULTIUM CELLS #1 COATER Heat Exhaust Duct / Hot Oil Pipe Special Facility Additional Construction	
476	2022.08	Ultium Cells LLC	GM J/VME booth #1 Additional Construction	
477	2023.07	NextStar Energy Inc.	LGES&Stellantis JV Coater #1-6 Heat Exhaust Duct / Hot Oil Pipe Special Facility Construction	
478	2023.07	ZEIT C&A	H12F Oxide MBeAM 38.9' (Hook-up)	
479	2023.08	LGESWA	Complex_Electrode_Cathode Roll Press #10 BCU Installation and Piping (Duct) Construction	
480	2023.09	Ultium Cells LLC	ULTIUM CELLS #1 COATER Heat Exhaust Duct / Hot Oil Pipe Special Facility Additional Construction (Commissioning Stand-by cost)	
481	2024.02	SK ON	SKON Seo-San Factory Utility Hookup Construction	

## COE/FED Facility Construction

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
482	2020.12	FED	FED PROJECT (Pyeong-Tack Family Housing Construction)	
483	2021.01	Woo-Seok E&C	Woo-Seok E&C FED Prison Mechanical Facility Construction	
484	2021.04	Il-Kwang E&C	Osan Church Construction Mechanical Facility, Fire Fighting system Construction	
485	2021.09	SPECIAL EQUIPMENT & SYSTEM COMPANY, INC.	AFH090 Foreign Material → Domestic Material Improvement Construction (Fire Prevention Material etc.)	
486	2021.09	Deok-Dong E&C	Swimming Pool and S-1280 BD HVAC Renovation Construction	
487	2022.01	Deok-Dong E&C	Deok-Dong FED-Po Hang Sewerage Improvement Construction	
488	2023.06	Dae Woo E&C	22-FED-Enlisted Bachelor Quarters Facility Construction (Phase 1)	
489	2023.08	Obayashi+Granite JV	P-309 Ground Combat Element	
490	2023.09	Sale E&S	FED-Enlisted Bachelor Quarters Facility Construction Mechanical Facility Construction (Phase 2)	

## HVAC Equipment Sales / Installation

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
491	2012.01	LGCHEM(O-Chang)	Installation and construction for Battery 2B/Delectrode #4 mixer inlet	Largedehumidifier 1200-2
492	2012.02	Samsung Electric (Philippines)	Installation of AHU	AHU 8 sets
493	2012.02	SKCHASS	Heating unit installation	HEATING UNIT 2sets
494	2012.03	LGCHEM(O-Chang)	Cooling coil replacement of AHU in small #1B/D office	Cooling coil
495	2012.05	LGCHEM(O-Chang)	Installation of system air conditioner	System Air Conditioner
496	2012.05	LGCHEM(O-Chang)	Installation of Air Blower for automotive small battery B/D	FAN
497	2012.09	ILJIN Display (Pyeongtaek)	Air curtain installation	Air curtain
498	2012.10	Nexta Technology	FFU delivery and installation	FFU 3sets
499	2012.11	Samsung Engineering	U-LINE Equipment Installation	Precision Air Conditioning Unit
500	2012.11	Samsung Engineering	SR1-LINE Equipment Installation	Precision Air Conditioning Unit
501	2012.11	SERVEONE	Recovery of AHU for OLED plants	AHU
502	2012.12	LGCHEM(O-Chang)	Installation of heat exchangers for FPR exposures	heat exchanger
503	2013.12	Shinmyung Engineering	AHU delivery for L-projects	AHU
504	2014.01	Samsung SDI (Ulsan)	Production and installation of AHU for the A-SEIL coating Liquid manufacturing process	AHU
505	2014.04	Gwanglim ENC	Production/Installation of HEATING UNIT for SKC-HAAS	HEATING UNIT 2sets
506	2014.08	LGEEG	Chiller delivery for LGEEG coolant	Chiller
507	2015.10	Samsung SDI (Cheon-an)	Replacement of AHU for Samsung SDI (Cheon-an) Hwasong-B/D	AHU
508	2016.03	Shinsung Engineering	Installation of AHU for Samsung Electric Philippines factory (2nd)	AHU
509	2016.03	Vitrocell	PASSBOX Installation	CLEAN Equipment
510	2016.03	Samsung SDI (Cheon-an)	Replacement of FAN & Motor for AHU-202B	FAN & MOTOR
511	2016.05	LGCHEM(O-Chang)	Replacement of jumbo-roll room dehumidification equipment for the 1st F/L	Dehumidifier
512	2016.08	LGCHEM(Cheng-ju)	Installation of air conditioners for 7 and 8 lines of anode materials	Dehumidifier, Air Shower
513	2017.01	Shinsung Engineering	Installation of air conditioners at Samsung Electric Philippine plant	AHU 6 units
514	2017.02	Samsung SDI (Cheon-an)	Installation of dehumidifiers for positive pressure filling	Large Dehumidifier
515	2017.04	LGCHEM(O-Chang)	ME Installation for the small 2B/D cylindrical 6 Winder	
516	2017.04	LGCHEM(O-Chang)	M/E Installation for Small 1B/D cylindrical 2 and 4 winder	
517	2017.05	Samsung SDI (Cheon-an)	AHU & OAC Replacement works	AHU, OAC
518	2020.01	LGCHEM(O-Chang)	SFU Coil Additional Construction for SRS Doray	Cooling Coil
519	2020.05	SDIHU	Demolition of 3 cooling towers on the roof of Service B/D	
520	2020.12	LGCHEM(Cheng-ju)	Installation of outdoor condensing unit of LGCHEM(Cheng-ju) anode material 3B/D	
521	2021.05	So-ri E&C	Gun-San AB WOLFPACK PARK Mechanical Facility Setting Construction	
522	2021.06	Korea Institute of Science and Technology	Low-Humid Room Facility Equipment Setting Construction	
523	2021.09	Core Tech International Corporation	Small 2BD Circle #9, 10 Extension Construction ' BY PASS COOLING UNIT '	

# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## HVAC Equipment Sales / Installation

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
524	2021. 12	Je-il Engineering	Small Capacity 2BD Dehumidifier Delivery	
525	2022. 02	Shin Han Air-Tech	Dehumidification Rotor Delivery (2950-2)	
526	2022. 06	Shin Han Air-Tech	Dehumidification Rotor Delivery (2190-2ALAY, 2450-4ALAY)	
527	2022. 06	Daram ENG	Dehumidification Rotor Delivery (1740-4ALBY, 2950-4MLAY)	
528	2023. 02	Shin Sung ENG	Dehumidification Rotor Delivery(1050-4ALBY etc.)	
529	2023. 03	Deok-Woo IND	Dehumidification Rotor Delivery(1940-2ALAY etc.)	
530	2023. 03	HL ENG	Dehumidification Rotor Delivery(2650-4DLAY etc.)	
531	2023. 06	Dae Woo E&C	Pyeong Taek Dae-Woo E&C Enlisted Bachelor Quarters UEH100 B Material Delivery	
532	2023. 07	Shin Sung ENG	Dehumidification Rotor Delivery(965-4DSBY)	
533	2023. 08	Interzero System	Dehumidification Rotor Delivery(2650-4DLAY etc.)	
534	2023. 10	Interzero System	Dehumidification Rotor Delivery(1525-4DSBY)	

## Mechanical Facility Integrated Engineering Design Business

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
535	2017.03	CHANGJOArchitectsOffice	LGCNCarBattery 2B/DDesign Service	
536	2017.06	LGCHEM(O-Chang)	TemperatureImprovementWorkofCarBattery2B/DCharge&DischargeChamberLowerLevelinLGCHEM(O-chang)Factory	
537	2017.11	CHANGJOArchitectsOffice	Dry Room Design ServiceforLGCNSmallBattery 6B/D(X770)	
538	2018.01	CHANGJOArchitectsOffice	Dry Room Design ServiceforLGCNBattery 5B/DExpansion(X770)	
539	2018.09	GAUNArchitectsOffice	New Design ServiceforSKInnovation China CommercialBattery Factory	
540	2019.03	KPECTechnology	D/R&C/RDesign ServiceforSKInnovation	
541	2019.05	IFD.	DRDesignserviceforLGCHEM, Poland Battery Factory	
542	2019.06	M.A.P.HanerinGeneral ArchitectsOffice	CR, DRDesignforSKInnovation Yeomchang Factory	
543	2019.07	Creative General ArchitectsOffice	CR&DRDesign ServiceforLGCNBingang Battery 1B/D	
544	2020.09	M.A.P.HanerinGeneral ArchitectsOffice	Design Service(CR, DR) forSKInnovation China BUE1 Project	
545	2021. 02	Geon-Woo Engineering	Sung Kyun Kwan Clean Room Design Engineering	
546	2022. 02	Sung Kyun Kwan University	Quantum Info Research Center #81317 Test Bedroom (Clean Room) Design Engineering	
547	2022. 05	IFD Design	LGES O-Chang 2Factory Pallas MP Project Dry Room Facility Design Engineering	
548	2022. 12	Xi C&A	O-Chang1Factory ITMaterial3BD Pilot#6 Design(HVAC,UT)	
549	2022. 12	Seon-Jin E&C Global	SKONSeo-San3Factory Design Engineering	
550	2022. 12	LG Energy Solution	O-Chang1Factory Entral Park Construction Mechanical Facility Engineering	
551	2023. 07	LG Energy Solution	LGES Humid Level HVAC System Design	
552	2023. 08	Lotte Materials	[All-Solid State Dep.] - All-Solid State _Clean Room Design	
553	2023. 12	Ulsan Techno Park	Electric Automobile Square Battery Dry Room Design Engineering	
554	2023. 12	Seon-Jin E&C Global	SKONSeo-San3Factory Design Engineering	

## Customer Service Business

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
555	2013.03	Samsung SDI(Cheon-an)	Regenerative Steam CoilReplacementof DehumidifierforBattery BD(B1-DH-101D)	DehumidifierCoil
556	2013.04	JohnsonControlsKorea	ImprovementfordehumidifierperformanceofHighTemperatureChamber2forHyundaiBrakingTest	
557	2013.09	JohnsonControlsKorea	Repairof SOKARoomunitcooler	
558	2013.09	JohnsonControlsKorea	ChamberRepairof Dehumidifier	
559	2013.11	JohnsonControlsKorea	ChillerOverhaulofat HyundaiMotorCompany Namyang R&DCenter	
560	2013.12	JohnsonControlsKorea	Repairof Unit Cooler	
561	2014.06	Samsung SDI(Cheon-an)	Steam CoilReplacementof OACForBattery CoaterBD(B3-401A)	AHUCoil
562	2014.06	Samsung SDI(Cheon-an)	Steam CoilReplacementof OACForBattery CoaterBD(B3-401B)	AHUCoil
563	2014.06	Samsung SDI(Cheon-an)	Regenerative Steam CoilReplacementof DehumidifierforBattery BD(B3-301A)	AHUCoil
564	2014.11	JohnsonControlsKorea	BrineReplacementServiceforDehumidifierforWindTunnelsATHyundaiMotorCompany NamyangR&DCenter	
565	2015.01	Samsung SDI(Cheon-an)	Samsung Sdi(cheon-an), DehumidifierRotorReplacement(1200-1)	Largedehumidifier
566	2015.11	Samsung SDI(Cheon-an)	Samsung Sdi(cheon-an), AHURenovation Work(2sets)	AHURepair
567	2015.11	Samsung SDI(Gi-heung)	Samsung Sdi(Gi-heung), AHUCoilReplacementof AirConditioning Facility	AHUCoil
568	2016.01	Samsung SDI(Gi-heung)	Samsung Sdi(cheon-an), CoilReplacementforDehumidifier(2600-2)	DehumidifierCoil
569	2016.03	Samsung SDI(Gi-heung)	Samsung Sdi(Gi-heung), AHUCoilReplacementof AirConditioning FacilityforUtility BD	AHUCoil
570	2016.03	Samsung SDI(Cheon-an)	Samsung SDI, Steam CoilReplacementof ACFacilityforBattery BD(B5-DH-501)	AHUCoil
571	2016.03	Samsung SDI(Cheon-an)	Samsung SDI, Steam CoilReplacementof ACFacilityforBattery BD(B5-AHU-503)	AHUCoil
572	2016.05	Samsung SDI(Tianjin)	DH-704,705,706 RotorSealReplacement Work	DehumidifierRepair
573	2016.06	Samsung SDI(Cheon-an)	Samsung SDI, CoilReplacementforAHUin Welfare BD	AHURepair
574	2017.02	SAMSUNGENG	Samsung Sdi(cheon-an) PDP, AHURenovation Work	AHU
575	2017.03	TSDI	TSDIRotor(2400-2)*4set&P/NRepairConstruction	Rotor
576	2017.10	Samsung SDI(Tianjin)	TSDIDehumidifierRotorReplacement(10set)	Rotor
577	2019.05	LGCWA	LGCWAElectrode BDSUSPlate&Epoxy Renovation Work	
578	2019.08	CKCo., Ltd	Rotor&Comp Installation ConstructionforVITZROCELL	Screw Pump
579	2020.02	LGCWA	AirShowerDoorRemodelingin LGCWA501 Bldg	
580	2020.04	LGCWA	Maintenance AgreementforLGCWAP3	
581	2021. 12	LG Energy Solution	Heating Medium Oil Pipe Support Construction(Additional)	
582	2021. 12	Samsung SDI	M3BD M-DH-714 Dehumidifier Reactor Steam Heater Change	
583	2022. 01	Seoul Bio CNV	HVAC Equipment Construction	
584	2022. 02	Samsung SDI	M1BD B3-DH-301E Dehumidifier Reactor Steam Heater Change	
585	2022. 02	SD Bio Sensor	Dry Chamber Equipment Lay out Change Construction	
586	2022. 02	TS ENG	Construction Engineering	
587	2022. 05	LG Chem	Cathode Material 3) HVAC Renovation Construction	
588	2022. 05	LG Chem	Cathode Material 1) HVAC Renovation Construction	

# CONSTRUCTION & EQUIPMENT DELIVERY PERFORMANCE

## Customer Service Business

No.	YEAR	CLIENT	CONTRACT NAME	DELIVERY EQUIPMENT
589	2022. 05	S1	[Future-TechCampus]SDI Research Cenger Pilot 3rd BD Dehumidification HVAC Outdoor Unit Repairment	
590	2022. 06	Samsung SDI	E4BD 3FL Dehumidifier Chilled Water Coil and Rotor Seal Repair Construction	
591	2022. 07	Bionote	Ceiling Ventilation Facility Construction	
592	2022. 07	Samsung SDI	Dehumidifier Rotor Regular Repairment	
593	2022. 07	Samsung SDI	M1BD Assembly Room Old HVAC Restoring Construction	
594	2022. 07	Sung Kyun Kwan University	1st Research BD Clean Room(81317, 81310) Construction	
595	2022. 07	SD Bio Sensor	0-Song Factory Uncut Sheet Storing Room Old Portable Dehumidifier Change onstruction	
596	2022. 08	Bionote	HVAC Room Ceiling Dew Condensation Supplementing Construction	
597	2022. 09	LG Energy Solution	Automobile 1st BD Degas Vacuum pump Room Temperature Improvement Construction	
598	2022. 09	LG Energy Solution	0-Chang 1st 3BD Coater Oven Heating medium Oil Pipe and Slip Joint Renovation	
599	2022. 09	Samsung SDI	M1BD B1-DH-103 Dehumidifier Process Fan Change	
600	2022. 09	S1	[Future-Tech Campus]22 SDI Direct Expansion Dehumidification HVAC Maintenance	
601	2022. 09	LG Chem	Cathode Material 3rd Factory Dehumidification HVAC Maintenance Construction	
602	2022. 11	S1	[Future-Tech Campus]SDI Direct Expansion Dehumidification HVAC Outdoor Unit Material Replace Construction	
603	2022. 11	LG Chem	Cathode Material 3) Dehumidification HVAC Maintenance Construction	
604	2022. 12	LG Energy Solution	Decomposition Hooded disused Water Tank Construction	
605	2022. 12	SNT	Dehumidification Room Hood Connection Engineering 및 Dehumidifier-Out door Unit Coating Engineering	
606	2023. 02	Korea Environment Corporation	Engne Testing Room HVAC Facility Maintenance Engineering	
607	2023. 05	LG Energy Solution	ITMaterial1BD 2FL Southern Office HVAC Environmental Renovation	
608	2023. 06	LG Chem	Cathode Material 1) HVAC Maintenance Construction	
609	2023. 06	LG Chem	Cathode Material 2) HVAC Maintenance Construction	
610	2023. 07	LG Chem	Cathode Material 3)HVAC Maintenance Construction	
611	2023. 11	S1	[Future-Tech Campus]'23 SDI Dehumidification HVAC Maintenance	

# BUSINESS & EQUIPMENTS

## 1. CONSTRUCTION



## 2. EQUIPMENT DELIVERY & SYSTEM CONSTRUCTION



