

Company Introduction

ASUNG PLASTIC VALVE CO.,LTD.
ASUNG CLEAN FLOW TECH CO.,LTD.

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Company Summary

*“ To Ensuring the Best Quality Product,
To Deliver on Time and to Right Place ”*

CEO : Kim Hyung Su, KIM Yoon Wook

Date of Foundation : August 01, 1967

Company Mottos

Creativity Development, Honest & Diligence,
Reconciliation & Unity

Website: <http://www.asungvalve.com>

Email: sales@asungvalve.com

Company Introduction

ASUNG PLASTIC VALVE CO.,LTD is the leading company of plastic valve and piping products since its foundation in 1967 which has been leading development in the field of domestic plastic pipe.

With the technologies, accumulated based on the business actions taken and research & development conducted by the company up to now, we at ASUNG have developed various products those produced using material of **UPVC, CPVC, CLEAN PVC, HT-PVC, PP and PVDF**, and have been supplied the quality products efficiently to the whole business fields throughout the heavy chemical industries and semiconductor production fields, such as the petrochemical fields, semiconductor industry, water treatment industry and chemical industry fields, etc..

"Making Innovation Quicker & Easier"

Our Company drew an attention as having developed the "*CLEAN FLOW* (CLEAN PVC Valve and Pipe & Fitting materials)" for de-ionized water used in the semiconductor process in 2005 after years of endless research and development. These products have been recognized as the better products than imported products from the semiconductor, LCD equipment & IT, and BIO industry in both Korea and overseas.

Unlike the reality of many domestic producers developing new products by joint ventures or technical cooperation with developed countries, our company has been focusing attention on developing products with our own technology since the establishment in 1967. Our company's excellent technology prowess is widely recognized in the global market as well as in Korea as we export variety of products to Asia and North & South America.

Moreover, our company plans to embark on full-fledged overseas marketing by participating in numerous exhibitions and fairs being held throughout the world as we carry out introducing excellent quality products with the technical capabilities and promoting our products consistently in order to be the best plastic valve manufacturing company.

Besides, in line with our business goal aforementioned, we are trying our best to seize No.1 position on the plastic valve market at home and abroad by taking quality and business renovations in addition to satisfying the quality requirements defined in the ISO9001 Quality Certificate.

We promise that we will do our best to improve quality, function and design of our products continuously to meet your valuable requirements thoroughly.

Company History

1960-1970

August 1967:
Established Asung PVC Plastic
Manufacturing Company

September 1979:
Completed Construction of new
Factory in Namyangju, Gyeonggi-do
and moved to it

October 1985:
Completed Construction of new Factory in
Banwol Industry Complex in Gyeonggi-do
and moved to it

November 1987:
Completed Construction of new Head Office
Building in Guro-dong, Seoul and relocated
to it

October 1989:
Set Up a New PP, CPVC, PVDF Pipe
Production Line and Commenced
Production

September 1989:
Acquired a Utility Model Right
(No. 43657)

1980 YEARS

May 1982:
Commenced export of Plastic Valve
Together with its Plants

August 1983:
Passed the Test Standard for Valves of
National Industrial Research Institute

May 1985:
Chosen as a Promising Small and Medium
Enterprise
by Korea Exchange Bank



Company History

1990 YEARS

March 1992:

Acquired a Utility Model Right
(No. 063407)

July 1995:

Company Converted to a corporate and changed
its name to ASUNG Plastic Valve Co.,Ltd

November 1995:

Designated as a Military Service Duty Exempt Enterprise
by the Office of Military Manpower Administration

July 1997:

Obtained ISO 9001
KSA 9001 Quality Certificates

2010 – PRESENT

December 2011:

Received a Certificate Validating the Annex
Research Institute of ASUNG Flow Tech
Co.,Ltd

February 2012:

Received a Certificate Validating the Use of
the KFI

July 2012:

Received a Certificate Recognizing as an
INNO BIZ

June 2016:

Acquired MAIN-BIZ Certificate of ASUNG
Clean Flow Tech Co.,Ltd

April 2014:

Obtained ISO 14001 of ASUNG Plastic Valve
and ASUNG Clean Flow Tech Co.,Ltd

June 2014:

Designated Export Promising Small and
Medium Company of ASUNG Clean Flow
Tech Co.,Ltd

July 2014:

Designated Chungcheongnam-do Promising
Small and Medium of ASUNG Clean Flow
Tech Co.,Ltd

2000 YEARS

September 2005:

Received NEP (Outstanding Quality
Certificate) from Ministry of Commerce,
Industry and Energy

April 2006:

Completed new Dangjin Factory of ASUNG
Clean Flow Tech Co.,Ltd and moved to the
Factory

February 2002:

Received a Certification by Korea Fire
Equipment Inspection Corporation
validating the Use of the Synthetic Resin
Pipes for Fire Fighting Piping Work

September 2004:

Established ASUNG Clean Flow Tech Co.,Ltd
and began production of Ultra-Pure Water
Clean Plastics

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발급번호 Issuance number	사업자등록증명 Certificate of Business Registration (법인사업자) (Corporate Taxpayer)		처리기간 Processing period
8415-866-1277-938			즉시 Immediately
상호(법인명) Name of company	아성플라스트밸브(주) ASung Plastic Valve Co., Ltd.		
사업자등록번호 Business registration number	134-81-27048		
성명(대표자) Name of representative	김형수 외 1명(KIM YOON WOOK) KIM HYUNG SU and 1 other(KIM YOON WOOK)		
주민(법인)등록번호 Resident(Corporation) registration number	135011-0047875		
사업장소재지 Business Address	경기도 안산시 단원구 해안로 280(원시동) 280, Haean-ro, Danwon-gu, Ansan-si, Gyeonggi-do		
영업일 Date of business commencement	1995년(Year) 07월(Month) 01일(Day)		
사업자등록일 Date of business registration	1995년(Year) 06월(Month) 22일(Day)		
업태 Business type	제조업/제조업 Manufacturing/Manufacturing		
종목 Business item	플라스틱밸브및부속 제조업/제조업 Manufacture of Plastic Products for Fabricating of Machine 광섬유케이블 Manufacture of Other Insulated Wire and Cable		
공동사업자 Joint business owner	성명(법인명) Name(Name of company)	주민(사업자)등록번호 Resident(Business) registration no.	
	해당사항 없습니다 (No Data)		
위와 같이 증명합니다. I certify that above information is true and correct to the best of my knowledge and belief. * 위 내용은 발급일 현재 상황으로서 추후 변경될 수 있습니다. The information is true as of the issue date of this certificate and it can be subject to change.			
접수번호 Receipt No.	500894761908	2017년 12월 21일 Year Month Day	
담당부서 Department	민원봉사실 Taxpayer Service Center		
담당자 Staff in Charge	변광호 Byun Kwang Ho	안산세무서 Head of Ansan District Tax Office	
연락처 Telephone No.	031-412-3405		

국세청

* 본 증명은 국세청 홈택스(www.hometax.go.kr)의 「민원증명」 서비스에서 「민원증명 원본확인」 메뉴를 통해 문서발급번호로 위·변조 여부를 확인하거나, 문서 하단의 바코드로 확인해 주십시오. 다만, 문서발급번호를 통한 확인은 발급일로부터 90일까지 가능합니다.
 * 본 증명은 홈택스(www.hometax.go.kr)에서 대민 온라인 서비스를 통해 발급된 증명서입니다.

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발급번호 Issuance number	사업자등록증명 Certificate for Business Registration (법인사업자) (Corporate Taxpayer)		처리기간 Processing period
5011-198-7001-352			즉시 Immediately
상호(법인명) Name of company	아성크린플로텍(주) A-Sung Clean Flow-Tech Co.,Ltd.		
사업자등록번호 Business registration number	134-86-17166		
성명(대표자) Name of representative	김형수 KIM HYUNG SU		
주민(법인)등록번호 Resident(Corporation) registration number	131411-0158959		
사업장소재지 Address	충청남도 당진시 송악읍 부곡공단 4길 28-110 28-110, Bugokgongdan4-gil, Song-ak-eup, Dangjin-si, Chungcheongnam-do, Korea		
영업일 Date of business commencement	2004년(Year) 9월(Month) 1일(Day)		
사업자등록일 Date of business registration	2004년(Year) 9월(Month) 2일(Day)		
업태 Business type	제조 Manufacturing		
종목 Business item	플라스틱밸브및파이프부속 Manufacture of Wall and Floor Coverings of Plastics		
공동사업자 Joint business owner	성명(법인명) Name (Name of company)	주민(사업자)등록번호 Resident(Business) registration No.	
	해당사항없습니다. (NO DATA)		
위와 같이 증명합니다. We hereby certify the above.			
담당부서 Department	민원봉사실 Taxpayer Service Center	2014년 7월 9일 Year Month Day	
담당자 Staff in charge	김용주	예산세무서장 Head of Yesan District Tax Office	
연락처 Telephone No.	041330-5221		

국세청

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NTREE

Certificate of Registration

ASUNG PLASTIC VALVE Co., Ltd.
 280, Haean-ro, Danwon-gu, Ansan-si, Gyeonggi-do, Republic of Korea

has been approved by NTREECERT Co., Ltd. to the following environmental management system standards :


ISO 14001:2015


The scope of environmental management system is applicable to :


Design, Development, Production and Sales of PP(Polypropylene), PVC(Polyvinyl Chloride), C-PVC(Chlorinated Polyvinyl Chloride) & PVDF(Polyvinylidene Fluoride) VALVE(13A-600A) and Fittings(13A-400A) and PP, C-PVC & PVDF Pipe(13A-400A)

Valid Date
 From 25 July 2020 To 24 July 2023
 Former Certificate : 25 July 2017
 Certificate No. : NTE-1336 Date of last Issue : 06 August 2020

Rev. 01


 President of NTREE Cert


Accreditation by the Joint Accreditation System of Australia and New Zealand www.jas-anz.org/register


www.ntreecert.kr
 NTREE Certification Co., Ltd

30, Paajungcheon-ro 44beon-gil, Jangjeon-gu, Suwon-si, Gyeonggi-do, Republic of Korea

NTREE

Certificate of Registration

ASUNG PLASTIC VALVE Co., Ltd.
 280, Haean-ro, Danwon-gu, Ansan-si, Gyeonggi-do, Republic of Korea

has been approved by NTREECERT Co., Ltd. to the following quality management system standards :


ISO 9001:2015


The scope of quality management system is applicable to :


Design, Development, Production and Sales of PP(Polypropylene), PVC(Polyvinyl Chloride), C-PVC(Chlorinated Polyvinyl Chloride) & PVDF(Polyvinylidene Fluoride) VALVE(13A-600A) and Fittings(13A-400A) and PP, C-PVC & PVDF Pipe(13A-400A)

Valid Date
 From 25 July 2020 To 24 July 2023
 Former Certificate : 25 July 2017
 Certificate No. : NTQ-2518 Date of last Issue : 06 August 2020

Rev. 01


 President of NTREE Cert


Accreditation by the Joint Accreditation System of Australia and New Zealand www.jas-anz.org/register


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 NTREE Certification Co., Ltd

30, Paajungcheon-ro 44beon-gil, Jangjeon-gu, Suwon-si, Gyeonggi-do, Republic of Korea

NTREE

Certificate of Registration

ASUNG Clean FlowTech Co., Ltd.
 28-110, Bugokgongdan 4-gil, Songak-eup, Dangjin-si,
 Chungcheongnam-do, Republic of Korea

has been approved by NTREECERT Co., Ltd. to the following
 quality management system standards :

ISO 9001:2015

The scope of quality management system is applicable to :

**Design, Development, Production and Sales of PP(Polypropylene),
 U-PVC(Unplasticized Polyvinyl Chloride), PVDF(Polyvinylidene
 Fluoride) & CLEAN PVC VALVE(13A-600A),
 PP, U-PVC, PVDF, CLEAN PVC Pipe & Fittings(13A-400A) and
 C-PVC Pipe & Fittings (13mm~250mm)**

Valid Date
 From 11 July 2020 To 10 July 2023
 Former Certificate : 11 July 2017
 Certificate No. : NTQ-2505 Date of last Issue : 04 August 2020

Rev. 01


 President of NTREE Cert





Accreditation by the Joint Accreditation System of
 Australia and New Zealand. www.jas-anz.org/register


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30, Pajangsae-ro 44beon-gil, Ulsang-gu, Suwon-si, Gyeonggi-do, Republic of Korea

NTREE

Certificate of Registration

ASUNG Clean FlowTech Co., Ltd.
 28-110, Bugokgongdan 4-gil, Songak-eup, Dangjin-si,
 Chungcheongnam-do, Republic of Korea

has been approved by NTREECERT Co., Ltd. to the following
 environmental management system standards :

ISO 14001:2015

The scope of environmental management system is applicable to :

**Design, Development, Production and Sales of PP(Polypropylene),
 U-PVC(Unplasticized Polyvinyl Chloride), PVDF(Polyvinylidene
 Fluoride) & CLEAN PVC VALVE(13A-600A),
 PP, U-PVC, PVDF, CLEAN PVC Pipe & Fittings(13A-400A) and
 C-PVC Pipe & Fittings (13mm~250mm)**

Valid Date
 From 11 July 2020 To 10 July 2023
 Former Certificate : 11 July 2017
 Certificate No. : NTE-1332 Date of last Issue : 04 August 2020

Rev. 01


 President of NTREE Cert





Accreditation by the Joint Accreditation System of
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30, Pajangsae-ro 44beon-gil, Ulsang-gu, Suwon-si, Gyeonggi-do, Republic of Korea

International Certification Registrar



Certificate of Registration

This is to certify that :

ASUNG PLASTIC VALVE CO.,Ltd

280, Haean-ro, Danwon-gu, Ansan-si, Gyeonggi-do, Korea

Has been assessed by International Certification Registrar Ltd., in respect of their Occupational Health and Safety Management Systems and found to comply with

KS Q ISO 45001:2018 / ISO 45001:2018

Approval is hereby granted for registration providing the rules and conditions relating to certification are observed at all times.

Certification Scope

Design, Development, Production and sales of PP(Polypropylene), PVC(Polyvinyl Chloride), C-PVC(Chlorinated Polyvinyl Chloride)& PVDF(Polyvinylidene Fluoride) VALVE(13A-600A) and Fittings(13A-400A) and PP, C-PVC & PVDF Pipe(13A-400A)

Certification Date : 18th October 2022 Initial Issued Date : 18th October 2022
 Certificate Issue Date : 18th October 2022 Expiration Date : 17th October 2025
 Certificate No. : OHK098022

※ This certificate is valid by completion of surveillance audit which is conducted within 12 months from the certification date.

※ Refer to appendix for detailed activities and location of each sites.

The Seal of ICR Limited was here to affixed in the presence of :



 President



ICR is accredited by Korea Accreditation Board as an Occupational Health & Safety Management System certification body (Accreditation Number: KA-04-02-25)

• This certificate is the property of ICR.
 • This certificate shall not be reproduced or altered in any way without the prior written consent of ICR.
 • This certificate shall be used only for the activities and locations stated on this certificate.
 • If you are not satisfied with the services, please contact ICR.

ICR Co., Ltd. 112, Haeinsa-ro, Beon-gil, Songpa-gu, Seoul-si, Korea <http://www.icr.co.kr>



Accredited by Member of the IAF MLA for OHSMS



CERTIFICATE NO : KOHS-0531

CERTIFICATE

Occupational Health and Safety Management System

ASUNG Clean Flow Tech Co., Ltd.

28-110, Bugokgongdan 4-gil, Songak-eup, Dangjin-si, Chungcheongnam-do, Korea

Korea Productivity Center Quality Assurance certifies that the Occupational health and safety management system of the above organization has been assessed and found to be in accordance with the requirements of the standards and scope of certification detailed below.

Standards
 KS Q ISO 45001:2018 / ISO45001:2018

Scope of Certification
 Design, Development, Production and sales for PP(Polypropylene), U-PVC(Unplasticized Polyvinyl Chloride), PVDF(Polyvinylidene Fluoride) & CLEAN PVC VALVE(13A-400A), PP,U-PVC, PVDF, CLAN PVC Pipe & Fittings(13A-400A) and C-PVC Pipe & Fittings (13mm-250mm)
 Initial Certification Date : September 30, 2022 Valid Period : September 30, 2022 ~ September 29, 2025

- This certificate is valid only if the organization meets the requirement continually
- Certification Validity information is available at www.kpcqa.or.kr (QR code)

Date of Issue : September 30, 2022

kpc KOREA PRODUCTIVITY CENTER
 QUALITY ASSURANCE



 CEO

12F, KCCI building, 39, Sejong-daero, Jung-gu, Seoul, Korea
www.kpcqa.or.kr / Tel. 82-2-738-9001



The use of Accreditation Mark KAB indicates Accreditation in respect of those activities covered by the Accreditation Certificate Number KAB-OC-06



Main Products



BALL VALVE

SIZE	1/2"~6" (15mm~150mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC

TRUE UNION BALL VALVE

SIZE	1/2"~4" (15mm~100mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC



3-WAY UNION BALL VALVE

SIZE	1/2"~2" (15mm~50mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF

Main Products

DIAPHRAGM VALVE

SIZE	1/2"~10" (15mm~250mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC



TRUE UNION DIAPHRAGM VALVE

SIZE	1/2"~4" (15mm~100mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC



BUTTERFLY VALVE

SIZE	1 1/2"~24" (40mm~600mm)
STANDARD	JIS, ANSI
TYPE	LEVER & GEAR
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC

Main Products



SWING CHECK VALVE

SIZE	3/4" ~ 10" (20mm~250mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC

BALL CHECK VALVE

SIZE	1/2" ~ 12" (15mm~300mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC



BALL FOOT VALVE

SIZE	1/2" ~ 8" (15mm~200mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC



Main Products



GATE VALVE

SIZE	1 1/2"~8" (40mm~200mm)
STANDARD	JIS, ANSI
MATERIAL	PP, PVDF

GLOBE VALVE

SIZE	1/2"~2" (15mm~50mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC



GAUGE VALVE

SIZE	3/4" (20mm)
STANDARD	JIS, ANSI
MATERIAL	CPVC, PP, PVDF CLEAN PVC

Main Products

SIGHT GLASS

SIZE	1/2"~10" (15mm~250mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC



T-STRAINER

SIZE	1/2"~12" (15mm~300mm)
STANDARD	JIS, ANSI
MATERIAL	PVC, CPVC, PP, PVDF CLEAN PVC

Main Products



UPVC

SIZE	1/2"~10" (15mm~250mm)
STANDARD	JIS, ANSI(SCH.80)
MATERIAL	UPVC



CLEAN PVC

SIZE	15mm~250mm
STANDARD	JIS,
MATERIAL	CLEAN PVC



PP

SIZE	15mm~350mm
STANDARD	JIS
MATERIAL	PPH

주요 생산 품목



C-PVC

SIZE	1/2" ~ 8" (15mm ~ 200mm)
STANDARD	JIS, ANSI(SCH.80)
MATERIAL	C-PVC



PVDF

SIZE	15mm ~ 100mm
STANDARD	JIS
MATERIAL	PVDF

Facility Equipment Status

Equipment Name	Note
No. 1 Extruder	PP PIPE (15A~100A)
No. 2 Extruder	PP PIPE (125A~350A)
No. 3 Extruder	CPVC PIPE (13A~50A)
No. 4 Extruder	CPVC PIPE (13A~50A)
No. 5 Extruder	CPVC PIPE (13A~50A)
No. 6 Extruder	CPVC PIPE (50A~100A)
No. 7 Extruder	CPVC PIPE (50A~100A)
No. 8 Extruder	CPVC PIPE (50A~100A)
No. 9 Extruder	CPVC PIPE (50A~100A)
No. 10 Extruder	CPVC PIPE (125A~150A)
No. 11 Extruder	CPVC PIPE (125A~150A)

Equipment Name	Note
No. 12 Extruder	CPVC PIPE (150A~200A)
No. 13 Extruder	CPVC PIPE (150A~200A)
No. 14 Extruder	CPVC PIPE (15A~65A)
No. 15 Extruder	CPVC PIPE (15A~65A)
No. 16 Extruder	CLEAN PVC PIPE (15A~30A)
No. 17 Extruder	CLEAN PVC PIPE (30A~65A)
No. 18 Extruder	CLEAN PVC PIPE (100A~200A)
No. 19 Extruder	CLEAN PVC PIPE (100A~200A)
No. 20 Extruder	CLEAN PVC PIPE (125A~200A)

Facility Equipment Status

Equipment Name	Note	Equipment Name	Note	Equipment Name	Note	Equipment Name	Note
No.1 Catapult	120 ton	No.12 Catapult	250 ton	No.23 Catapult	350 ton	No.34 Catapult	350 ton
No.2 Catapult	150 ton	No.13 Catapult	250 ton	No.24 Catapult	350 ton	No.35 Catapult	350 ton
No.3 Catapult	150 ton	No.14 Catapult	250 ton	No.25 Catapult	350 ton	No.36 Catapult	375 ton
No.4 Catapult	150 ton	No.15 Catapult	250 ton	No.26 Catapult	350 ton	No.37 Catapult	450 ton
No.5 Catapult	150 ton	No.16 Catapult	250 ton	No.27 Catapult	350 ton	No.38 Catapult	550 ton
No.6 Catapult	150 ton	No.17 Catapult	250 ton	No.28 Catapult	350 ton	No.39 Catapult	550 ton
No.7 Catapult	150 ton	No.18 Catapult	250 ton	No.29 Catapult	350 ton	No.40 Catapult	550 ton
No.8 Catapult	250 ton	No.19 Catapult	250 ton	No.30 Catapult	350 ton	No.41 Catapult	550 ton
No.9 Catapult	250 ton	No.20 Catapult	250 ton	No.31 Catapult	350 ton	No.42 Catapult	550 ton
No.10 Catapult	250 ton	No.21 Catapult	250 ton	No.32 Catapult	350 ton	No.43 Catapult	650 ton
No.11 Catapult	250 ton	No.22 Catapult	300 ton	No.33 Catapult	350 ton	No.44 Catapult	650 ton

Facility Equipment Status

Equipment Name	Note	Equipment Name	Note	Equipment Name	Note	Equipment Name	Note
No.45 Catapult	120 ton	No.2 Hydraulic Press	oil pressure	No.1 Hydraulic Press	Hydraulic Press		
No.46 Catapult	150 ton	No.3 Hydraulic Press	oil pressure	No.2 Hydraulic Press	Hydraulic Press		
No.47 Catapult	150 ton	No.4 Hydraulic Press	oil pressure	No.3 Hydraulic Press	Hydraulic Press		
No.48 Catapult	150 ton	No.5 Hydraulic Press	oil pressure	No.4 Hydraulic Press	Hydraulic Press		
		No.6 Hydraulic Press	oil pressure	No.5 Hydraulic Press	Hydraulic Press		
No.1 vacuum Press	7.5KW	No.7 Hydraulic Press	oil pressure				
No.2 vacuum Press	7.5KW	No.8 Hydraulic Press	oil pressure	No.1 Air Pressure Test Machine	AIR TEST		
No.3 vacuum Press	7.5KW	No.9 Hydraulic Press	oil pressure	No.2 Air Pressure Test Machine	AIR TEST		
No.4 vacuum Press	7.5KW			No.3 Air Pressure Test Machine	AIR TEST		
		No.1 torque	assembly machine				
No.1 Hydraulic Press	oil pressure	No.1 torque	assembly machine				

Facility Equipment Status

Equipment Name	Note
No.1 CNC	NR23
No.2 CNC	NR22
No.3 CNC	NR23
No.4 CNC	NR22
No.5 CNC	
No.6 CNC	
No.7 CNC	
No.8 CNC	
No.9 CNC	
No.10 CNC	
No.11 CNC	

Equipment Name	Note
No.12 CNC	NR23
No.13 CNC	NR22
No.14 CNC	NR23
No.15 CNC	NR22
No.16 CNC	
No.17 CNC	
No.18 CNC	
No.19 CNC	
No.20 CNC	
No.21 CNC	
No.22 CNC	

Equipment Name	Note
No.23 CNC	
No.24 CNC	
No.25 CNC	
No.26 CNC	
No.27 CNC	
No.28 CNC	
No.29 CNC	
No.30 CNC	
No.31 CNC	
No.32 CNC	
No.33 CNC	

Equipment Name	Note

Sales Reference

A. Industrial Application (PVC, PP, CPVC, PVDF)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
CA-PROJECT	HANWHA CHEMICAL Co.,Ltd.	PVDF VALVE	Chlorine Line	Yeosu Korea
	SAMSUNG Fine Chemicals Co.,Ltd.	PVDF VALVE	Chlorine Line	Ulsan Korea
	UNID Corp.	PVDF VALVE	Chlorine Line Electrolytic Cell	Incheon Korea, China
	PAIK KWANG INDUSTRIAL Co.,Ltd.	PP VALVE	Chlorine Line	Gunsan Korea
	KUKDO Chemical Co.,Ltd.	PVDF VALVE	Electrolytic Cell	Seoul Korea
	KUKDO Chemical Co.,Ltd.	PVDF VALVE	Hcl	Yeosu Korea
	KOREA OTSUKA Pharmaceutical	PVDF VALVE	Electrolytic Cell	Ulsan Korea
	KUMYANG Corp.	PVDF VALVE	Electrolytic Cell	Ulsan Korea
ZPSS/QPSS PROJECT	POSCO	PVDF VALVE	HF, H ₂ SO ₄	Pohang Korea

Sales Reference

A. Industrial Application (PVC, PP, CPVC, PVDF)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
P-1 ~ P-6 PROJECT	LG Philips LCD Ltd.	PP VALVE	HF, Hcl, H ₂ SO ₄	Gumi Korea
S-1 ~ S-2 PROJECT	SAMSUNG Electronics	PP VALVE	HF, H ₂ SO ₄	Giheung Korea
ARP PROJECT	DONGUK Industries	PVDF VALVE	Hcl, HF	Pohang Korea
NODCO PROJECT	LG ENG Ltd.	PVDF VALVE	H ₂ SO ₄	Iran
F-1 PROJECET	LG Micron Ltd.	CPVC VALVE	Fecl ₃	Gumi Korea
	LG Metal Ltd.	PP VALVE	CuSO ₄	Jeongeup Korea
	LS-NIKKO Copper Inc.	PVDF VALVE	H ₂ SO ₄	Ulsan Korea
	LG Electronics Ltd.	PVC VALVE		Cheongju, Osan Korea, Philippines
	DONGBU Hitek	PP, CPVC VALVE PIPE & FITTING	HF	Gumi , Eumseong, Bucheon Korea

Sales Reference

A. Industrial Application (PVC, PP, CPVC, PVDF)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
	ILJIN Materials Co.,Ltd.	PP VALVE		Iksan, Jochiwon Korea
S PROJECT	COSMO Chemical Co.,Ltd.	PP, CPVC VALVE PIPE & FITTING		Incheon, Ulsan Korea
	Korea Zinc Co.,Ltd.	PP VALVE		Yeosu, Seockpo Korea
	Youngpoong Corp.	PP VALVE	HNO ₃	Ulsan Korea
	NAMHAE Chemical Ltd.	PVDF VALVE		Yeosu Korea
	Hankuk Electronic Glass Co.,Ltd.	PP VALVE	HF, NaOH	Gumi Korea
	SAMSUNG Electronics	PP, PVDF VALVE PIPE & FITTING		Giheung, Hwaseong Korea, Xian China
	POSCO	PP VALVE		Pohang Korea
	Yeonggwang Nuclear	PP VALVE	Sea water electrolysis facilities	Yeonggwang Korea

Sales Reference

A. Industrial Application (PVC, PP, CPVC, PVDF)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
	Wolseong Nuclear Power Plant	PP VALVE	W.W.T	Wolseong Korea
	Boryeong Nuclear Power Plant	PP VALVE	W.W.T	Boryeong Korea
	Samcheonpo Thermolectric Power Plant	PP VALVE	W.W.T	Samcheonpo Korea
Taeon #9, 10 WWT	Taeon Thermolectric Power Plant	PP VALVE	W.W.T	Taeon Korea
Dangjin #9, 10 WWT	Dangin Thermolectric Power Plant	PP VALVE	W.W.T	Dangjin Korea
Bukpyeong #1, 2 WWT	Bukpyeong Thermolectric Power Plant	PP VALVE	W.W.T	Bukpyeong Korea
	Yeosu Thermolectric Power Plant	PP VALVE	W.W.T	Yeosu Korea
	Shinboryeong Thermolectric Power Plant	PP VALVE	W.W.T	Shinboryeong Korea
	SamsungSDI	CPVC PIPE & FITTING		Cheonan Korea

Sales Reference

A. Industrial Applicaton (PVC, PP, CPVC, PVDF)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
	Samsung SDI	CPVC PIPE & FITTING		Cheonan Korea
	Samsung Electronics	PP, CPVC, PVDF VALVE PIPE & FITTING		Sejong, Suwon, Busan Korea, Philippines
	SK hynix	CPVC VALVE PIPE & FITTING		Icheon, Cheonju Korea, Wuxi China
	Iljin Diamond	CPVC VALVE PIPE & FITTING		Pyeongtaek
	Stemco	CPVC VALVE PIPE & FITTING		Changwon Korea
	Daeduck Electronics	CPVC VALVE PIPE & FITTING		Ansan Korea
	Hanwha Q Cells	CPVC VALVE PIPE & FITTING		Jincheon Korea
	UNID Corp.	PP, PVDF VALVE		Incheon, Gunsan Korea

Sales Reference

A. Industrial Application (PVC, PP, CPVC, PVDF)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
	OCI	PP, PVDF VALVE	Hydrochloric acid, Electrolyzer LINE	Incheon, Gunsan Korea
	Samyoung Electrions	CPVC VALVE PIPE & FITTING		Pyeongtaek Korea
	Kumho Petrochemical Laboratory	PVDF PIPE & FITTING		Asan Korea

Sales Reference

B. CLEAN PVC

COMPANY	ITEM	STANDARD	DELIVERY TIME	REMARK
Dongu hwainkem	Clean PVC Pipe & Fitting	15A ~ 200A	2011~presnet	Pyeongtack Factory HOOK UP, UTILITY LINE
SK hynix	Clean PVC Pipe & Fitting	15A ~ 150A	2007~present March 2012	<ul style="list-style-type: none"> Icheon Factory M14 Cheongju Factory M12
SEMES	Clean PVC Pipe & Fitting	15A ~ 150A	2006~presnet	<ul style="list-style-type: none"> Samsung Electronics T-5.6.8, BOE, SMD A1~3, Thaiwan AUO L8B,SMD V1~2 Samsung Elcelectronics FIC 1st~2nd Thaiwan CMO
K.C TECH	Clean PVC Pipe & Fitting	15A ~ 200A	2007~present	LG Electronics 8-2,P-8,9
AK Chemtech	Clean PVC Pipe & Fitting	50A ~ 100A	May 2007	Daejeon/Cheongyang Factory Washing LINE
OCI Company Ltd	Clean PVC Pipe & Fitting	50A ~ 125A	April 2006	Incheon/ Gunsan Factory Electrolyzer LINE

Sales Reference

B. CLEAN PVC

COMPANY	ITEM	STANDARD	DELIVERY TIME	REMARK
DMS	Clean PVC Pipe & Fitting & Valve	15A ~ 100A	2009~prenset	LG Electronic 8-2,P-8,9 CANDO,TIANMA 4,5 generation
LG Display	Clean PVC Pipe & Fitting & Valve	15A ~ 150A	May 2005 January 2006	<ul style="list-style-type: none"> • Gumi Factory (P1~P6) P6 AP3-2 HOOK-UP • Gumi Factory (P6E) STRIP #8,9 Washing LINE HPMJ UT HOOK UP • Paju factory P7 AP4-1 UTILITY • Paju factory P8 CR DI Transfer Piping • Paju factory P9 AP5 DI
Lg Innotek Co., Ltd	Clean PVC Pipe & Fitting & Valve	15A ~ 150A	January 2006 July 2009 March 2010	<ul style="list-style-type: none"> • Gumi Factory (1~3 Factory) DI WATER Transfer Piping • Paju factory CR, DI Repair • Gumi 1 Factory UTILITY, HOOK-UP
LG Electronic	Clean PVC Pipe & Fitting & Valve	15A ~ 150A	October 2005 July 2007	<ul style="list-style-type: none"> • CR UTILITY Repair • OLED M3~M5 DI WATER Transfer Piping
Lg Siltron Inc	Clean PVC Pipe & Fitting & Valve	15A ~ 100A	July 2007	Gumi Factory, (2~3) P6E B3-3 UTILITY

Sales Reference

B. CLEAN PVC

COMPANY	ITEM	STANDARD	DELIVERY TIME	REMARK
LG Chemical	Clean PVC Pipe & Fitting & Valve	50A~80A	2013~present	Paju Factory DI WATER Transfer Piping
WOONGJIN CHEMICAL CO., LTD	Clean PVC Pipe & Fitting & Valve	25A ~ 80A	May 2010	Gumi Factory DI WATER Transfer Piping
Soulbrain	Clean PVC Pipe & Fitting & Valve	25A ~ 80A	February 2009	Gongju Construction DI WATER Transfer Piping
Samsung Electronics Co., Ltd	Clean PVC Pipe & Fitting & Valve	15A ~ 150A 50A ~ 100A	August 2008 October 2013	Soju Factory Gumi 2 Factory CR HOOK-UP
Samsung Fine Chemicals Co., Ltd	Clean PVC Pipe & Fitting & Valve	20A ~ 50A	October 2009	Ulsan Factory
Samsung Electronic	Clean PVC Pipe & Fitting & Valve	15A ~ 150A	2010~present	Noksan/ Suwon Factory/ Vietnam
Samsung SDI	Clean PVC Pipe & Fitting & Valve	15A ~ 200A	2009, 2016 year	Cheonan factory / China Wuxi Factory
Samsung Techone	Clean PVC Pipe & Fitting & Valve	15A ~ 50A	February 2009	Changwon Factory

Sales Reference

B. CLEAN PVC

COMPANY	ITEM	STANDARD	DELIVERY TIME	REMARK
Ko-one Innotek Co., Ltd	Clean PVC Pipe & Fitting & Valve	15A ~ 100A	2010	Pyeongtaek Factory
Daeduk GDS	Clean PVC Pipe & Fitting & Valve	15A ~ 150A	June 2010	Ansan Factory
Huiseong electronics	Clean PVC Pipe & Fitting & Valve	20A ~ 150A	July 2012	Daegu 2 Factory DI WATER Transfer Piping
ASAHI GLASS	Clean PVC Pipe & Fitting & Valve	15A ~ 200A	April 2007	Cheongwon Factory DI WATER Transfer Piping
STX sloar	Clean PVC Pipe & Fitting & Valve	50A ~ 125A	February 2005	CR UTILITY Repair

Sales Reference

C. Overseas (PVC, PP, CPVC, PVDF, CLEAN PVC)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
CANDO, TIANMA 4,5 Generation	DMS	CLEAN PVC PIPE & FITTING VALVE		China
Suzhou Factory	Samsung Electronics	CLEAN PVC PIPE & FITTING VALVE		China
	UNID JIANGSU CHEMICAL CO.,LTD	PVDF VALVE	KOH	China
	HYOSUNG STEEL	PP VALVE		China
	Ningbo Mitsubishi Chemical Co.,Ltd	PP VALVE		China
	Capital Engineering & Research Incorporation Ltd.	PVDF VALVE		China
Taiwan AUO L8B, SMD V1-V2, Taiwan CMO	SEMES Co.,Ltd	CLEAN PVC PIPE & FITTING		Taiwan
POSCO CGL PJT	YP tech	PP VALVE		Thailand

Sales Reference

C. Overseas (PVC, PP, CPVC, PVDF, CLEAN PVC)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
	GENCON ENGINEERING CO.,LTD.	PVDF VALVE		Thailand
CGL PJT	POSCO	PP VALVE	Acid supply	Thailand
	Thai Plastic & Chemicals Public Company Limited	PVDF VALVE		Thailand
	Samsung Electronics	CLEAN PVC PIPE & FITTING VALVE		Vietnam
An Hoa PJT	KSP Corporation	CPVC VALVE & FITTING		Vietnam
	Hyosung Viet Nam Co.,Ltd	PP VALVE		Vietnam
Korea National Oil Corporation	PVC VALVE			Vietnam
POSCO	PP VALVE & PIPE, FITTINGS			Vietnam

Sales Reference

C. Overseas (PVC, PP, CPVC, PVDF, CLEAN PVC)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
AN HOA PROJECT	Hansol EME	CPVC FITTING		Vietnam
HOYA PROJECT	HOYA GLASS	UPVC PIPE, FITTING		Vietnam
Swimming pool	Nha Trang beach resort	UPVC PIPE, FITTING	Resort	Vietnam
F-1 PJT	LG Electronics Ltd	PVC UNION BALL V/V 2"		Philippines
	HAYWARD INDESTRIL INC.	DIAPHRAGM VALVE		USA
	CKA Pty Ltd	PP DIAPHRAGM VALVE		Australia
Marine & Offshore	Belmar Marine & Offshore Supply	PVDF VALVE		France
	Azerenergy" JSC	PP VALVE		Azerbaijan

Sales Reference

C. Overseas (PVC, PP, CPVC, PVDF, CLEAN PVC)

PROJECT	END-USER	ITEM	SERVIC AREA	REMARK
NODCO PJT	LG ENG Ltd	PVDF BALL V/V 2"	NODCO PJT	Iran
	Hyundai Heavy Industries	PP VALVE		Kuwait
	GAS Arabian Services Co. Ltd	PP BALL VALVE		Saudi Arabia
	EGYPTIAN LINEAR ALKYL BENZENE COMPANY	PP VALVE		Egypt
	Dovewell Oilfield Services Ltd.	PP VALVE		Nigeria