

PRE-QUALIFICATION



ISO 9001 / ISO 14001
CERTIFICATED FORM

COMPANY INTRODUCTION



SHIN HAN NAE SAN CO.

ZIP-CODE : 415-887

158-1, Wonsan-ri, Haseong-myun, Gimpo-si,
Gyeonggi-do, KOREA

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1. INTRODUCTION

SHIN HAN NAE SAN CO., LTD.

It is great pleasure that we take an opportunity to introduce our company to you
This statement of introduction brochure is made for your understanding of our comprehensive capabilities to meet your requirements.

Since establishment in 1978, we have continuously improved our technology and widened the range of our products to serve our customers better. We have delivered so many kind of pumps

Especially basic centrifugal pump, Rubber-sand pump ,vertical sump pump and whats more for domestic petro-chemical, chemical, refinery, construction for soil treatment,

and whats more know our company as a leading manufacturer of these fields equipments In Korea and overseas.

The SHIN HAN NAE SAN CO.,LTD

processing range of standardised pumps which we are proud to offer on the market are the result of exceedingly careful work in order to arrive at specially thoughtout design that will satisfy the specific requirements to be met among processing industries in general, and the chemical industry in particular.

These pumps are single stage centrifugal units with volute casing and they are available both for horizontal and vertical mounting. Their design is based on the "Process" principle with axial suction intake and radial discharge outlet.

The pumps are standardized (ANSI,KS DIN 242567,API 610, AND ISO2858) which we among others provides the following advantages.

The majority of the parts and components in the pumps are standard and interchangeable among the different models in the range. minimum stock of spare parts is required to ensure maintenance and repairs on many different models of pumps.

So this range can be used in industrial plants with technology of different origins.

We are trying to apply in business the traditional Korean virtues of diligence, loyalty, sincerity and sinstivity to the need of other. We hope this brochurewill give your better understanding so as to lead to good decision on your projects that will benefit you and

SHIN HAN NAE SAN CO.,LTD.

January 02, 2014

Representative : SO JIN-HO

2. COMPANY PROFILE

- ◆ NAME : SHINHAN NAESAN CO.
- ◆ ESTABLISHED DATE : FEBRUARY 1978
- ◆ SHOP AREA : 7,340 m² (INDOOR : 5,132m²)
- ◆ TOTAL EMPLOYEES : 36 PERSONNEL
- ◆ MAJOR PRODUCTS
 - 1) CENTRIFUGAL PUMP
(METALIC, NON METALIC)
 - 2) VERTICAL SUMP PUMP
(METALIC, NON METALIC)
 - 3) SLURRY PUMP
- ◆ CAPACITY LIMIT
 - FLOW : 2,000m³/HR MAX.
 - PRESSURE : 20Kg/cm² MAX.
 - ELECTRIC : 220KW MAX
- ◆ CURRENT CODE STAMPS & CERTIFICATE HOLDING
 - ISO 9001:2008 / ISO 14001:2004

3. COMPANY CHRONOLOGICAL HISTORY

FEB. 1978	Established and named < SHINHAN NAESAN CO. > at "Dangsan-Dong, Seoul, KOREA"
JUN. 1979	Registered as a Regular membership at KOAMI KOREA ASSOCIATION OF MACHINERY INDUSTRY
FEB. 1980	Acquired a License of manufacturing Pump from KAIST
DEC. 1986	Accomplished & manufacturing all pumps with ISO#2858
FEB. 1988	"Moved to Gayang-Dong, Seoul" by expansion of corporate power
JUN. 1999	Acquired ISO 9001, ISO14001 Certificate by DAS Certi.
MAY. 2003	Acquired CE Certification
APR. 2005	Registered as a supplier of pumps by KOREA SOUTHERN POWER CO. LTD. KOREA MIDLAND POWER CO. LTD. KOREA WESTERN POWER CO. LTD.
JUL. 2006	Registered as a supplier of pumps by KOREA EAST-WEST POWER CO. LTD. KOREA SOUTH-WEST POWER CO. LTD.
MAR. 2007	Acquired "S-PARTNER" Gold Membership of Global Alliance from SAMSUNG ENGINEERING CO., LTD.
JUN. 2012	Renewal of ISO 9001, ISO14001 Certificate by ICR Certi.
JUL. 2012	Acquired Certificate of best supply procurement "PUMPRO"
MAR. 2013	"Moved to Gimpo-Si" by expansion of corporate power
JUN. 2014	Renewal Registered as a supplier of pumps by KOREA SOUTH-EAST POWER CO. LTD.

4. MANPOWER TABLE

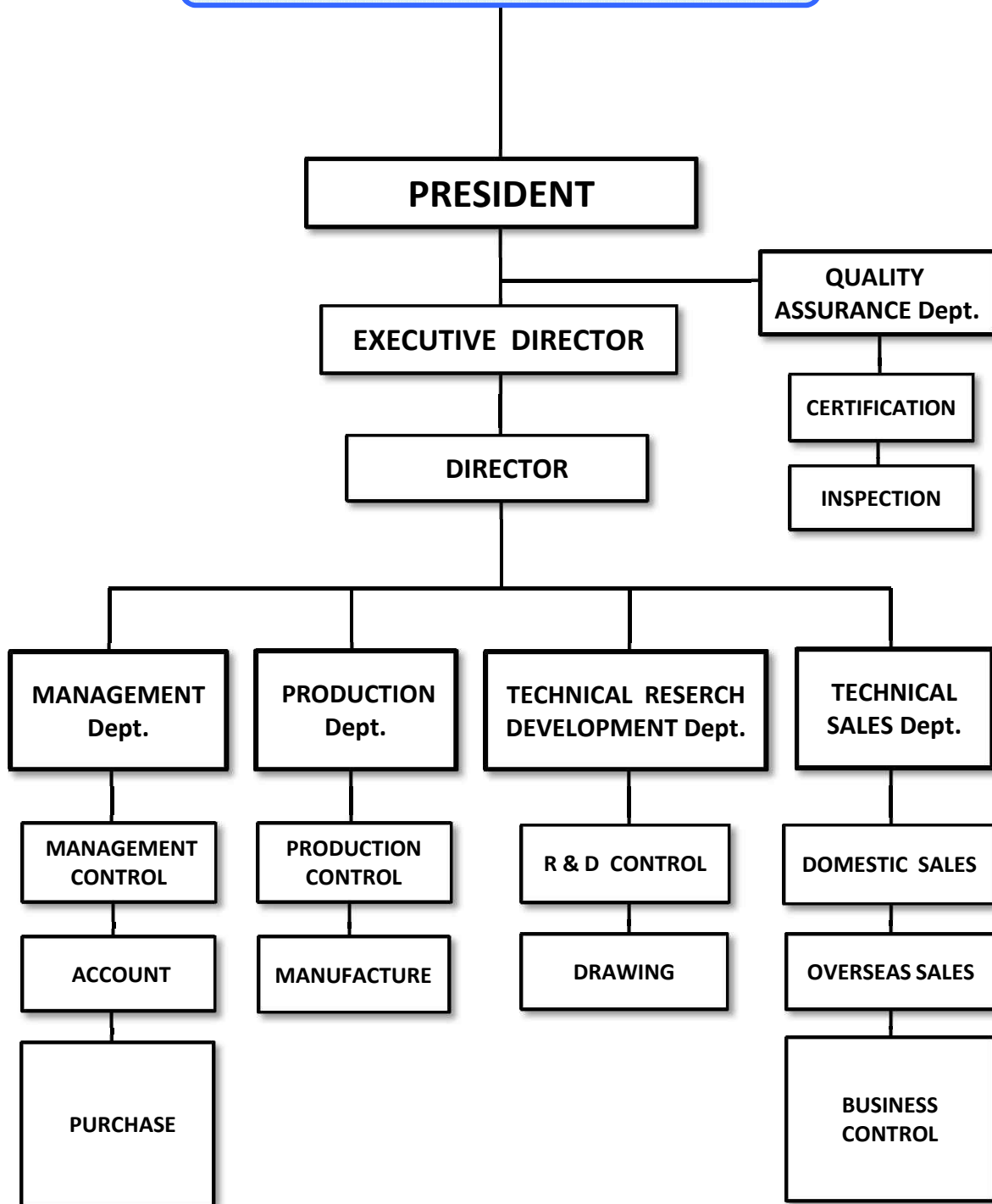
OVERALL PERSONNEL

CEO	1
EXECUTIVE DIRECTOR	1
DIRECTOR	1
RESEARCH AND DEVELOPMENT Section	2
DESIGN & ENGINEERING Section	3
QA/QC Section	2
BUSINESS Section	3
ADMINISTRATION Section	2
MATERIAL PROCUREMENT Section	2
CUSTOMER SUPPORT & A/S Section	2
SUB TOTAL	19

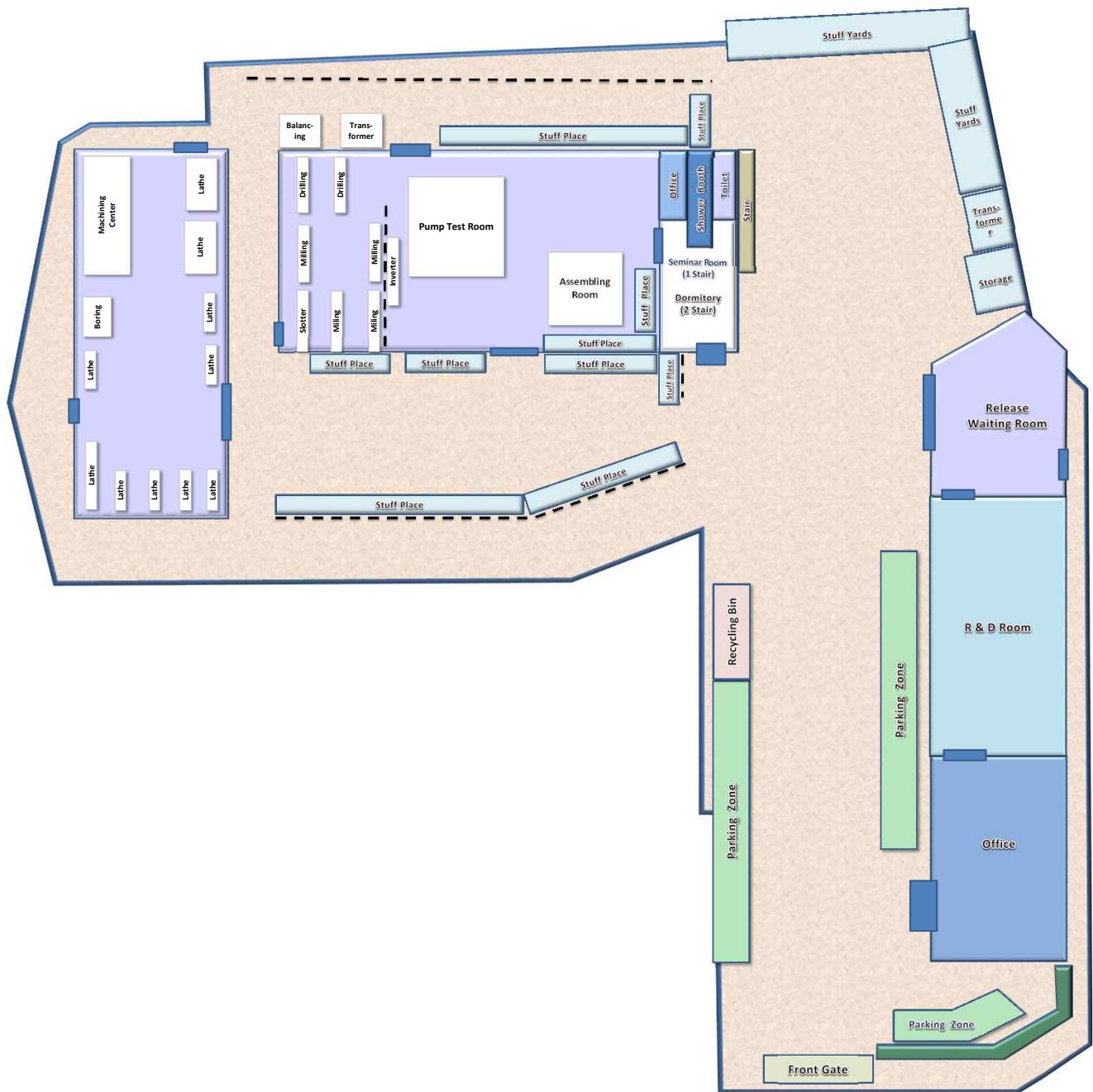
TECHNICIAN & SKILLED WORKERS

CHIEF OF FACTORY (DIRECTOR)	1
MACHANICIAN	10
WELDER	1
FABRICATOR	3
PAINTER	1
OTHER	2
SUB TOTAL	18
GRAND TOTAL	37

5. ORGANOGRAM



6. ShinHan NaeSan Area Lay Out



7. PROFESSIONAL PRODUCTS LIST

Horizontal & Vertical Centrifugal Pump

Chemical Process Pump

Vertical Sump Pump

Slurry Pump

Screw Pump

**Sanitary Pump for
Food Provide**

Rubber Sand Pump

8. MAIN PRODUCT ITEMS

SHVT : Vertical Sump Pump (2-1)

Product



Vertical Centrifugal acid-proof pump

Usages and applications

For clean water, sea water, chemicals etc. services such as sump, auxiliary water etc. in the pulp and paper industry, power plants sewage treatment plants, chemical and petrochemical plants, foodstuffs industries, steel industry etc

Design and Features

Shinhan's acid resistance vertical waste water pump has an advantage that it does not require vacuum and can pump without installing 'foot valve'. It's vertical shape enables the installation space to be minimized and makes the pump suitable for automatic operation. A special material can be applied for a special fluid. The shaft is protected by a shaft protection pipe sealed by oil seal and gasket.

Material

GC200, STS 304, 316, 316L, 316J-1

Durimet-20(20 Alloy)

Hastelloy-A,B,C

Other Special Alloys

ASTM : A48-CL30, A216-WCB, A743-CF8, CF8M, CF3M, CN7M, B574-C276

Suction and Discharge Flange

- Suction : Bottom end
- Discharge : Upright direction on the base
- Flanges : KS or JIS 10kg/cm² ratings Flat faced(FF)

Bearing and Lubrication

- Lubrication : Grease lubrication
- Shaft coupling and Safety cover
- Flange Coupling or Flexible coupling
- Safety cover is replaced by a motor frame.



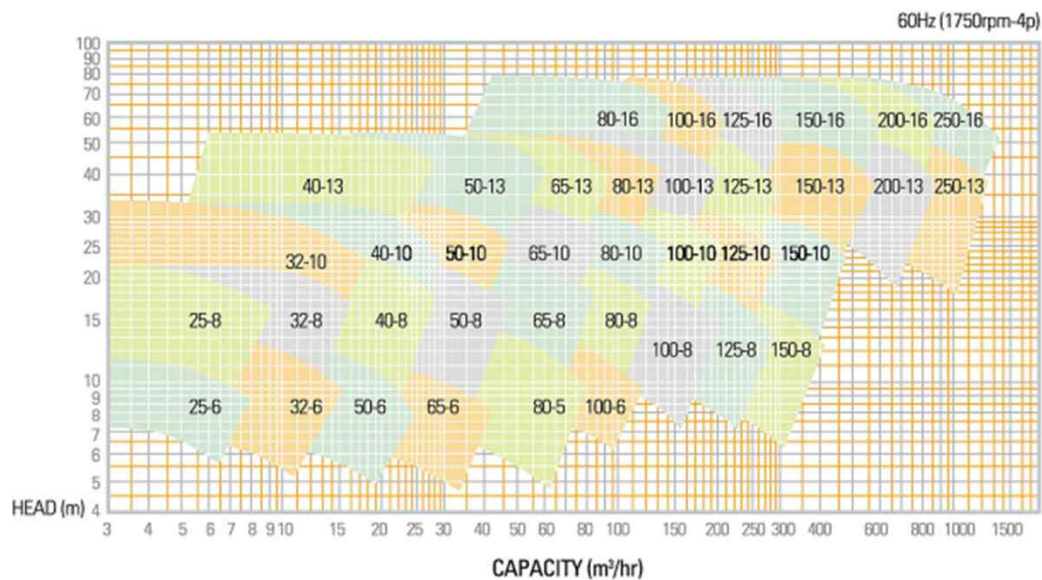
Double Strainer



8. MAIN PRODUCT ITEMS

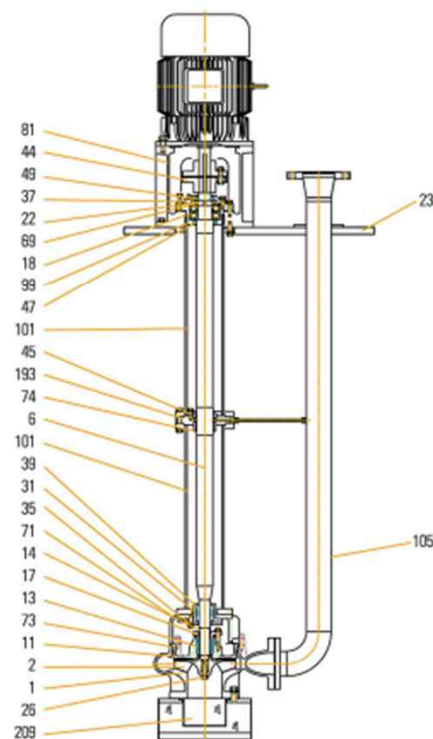
SHVT : Vertical Sump Pump (2-2)

Selection Charts



Sectional View

No.	DESCRIPTION	Qty	MATERIAL
1	CASING	1	SSC 13
2	IMPELLER	1	SSC 13
6	SHAFT	1	STS 304
11	CASING COVER	1	SSC 13
13	GLAND PACKING	4R	TEFLON
14	SLEEVE	1	STS 304
17	GLAND	1	SSC 13
18	BALL BEARING	2	STB 2
22	BEARING NUT	1	SS 400
23	BED PLATE	1	SS 400
26	IMPELLER BOLT	1	STS 304
31	METAL HOUSING	1	SSC 13
35	METAL COVER	1	STS 304
37	BEARING COVER	1	GC 200
39	BUSHING METAL	1	GRAPHITE
44	COUPLING	1set	GC 200
45	METAL COVER	1	STS 304
47	OIL SEAL	1	RUBBER
49	OIL SEAL	1	RUBBER
69	BEARING WASHER	1	SS 400
71	ADAPTER	1	GC 200
73	GASKET	1	RUBBER
74	BUSHING METAL	1	GRAPHITE
81	MOTOR FRAME	1	GC 200
99	BEARING HOUSING	1	GC 200
100	COLUMN PIPE	2	STS 304
105	DISCHARGE PIPE	1	STS 304
193	METAL HOUSING	1	STS 304
209	STRAINER	1	STS 304



8. MAIN PRODUCT ITEMS

IHV : Horizontal Volute Pump (3-1)

IHV

Horizontal Centrifugal acid - proof pump

Design features

- Single suction, single stage, horizontal, radially split
- Volute casing pumps with foot below(centerline mounting possible)
- Maximum interchangeability
- End suction/top discharge
- Back pull-out arrangement
- Dynamically balanced, closed or open impeller
- Hydraulic balanced by balance-holes
- Shaft sealing by packing or Mechanical seal
- Oil lubricated antifriction bearings
- Direction of Rotation : CW(viewed from driver end)

Nomenclature

- IHV 32-5
- HV : Type of Pump
- 32 : Diameter of discharge(mm)
- 8 : Impeller size(inches)

Material

- All cast Iron, cast steel, Ductile cast Iron
- All stainless steel(STS 304, 304L, 316, 316L)
- Alloy-20(Durimet-20)
- CD4M, Titanium, Bronze, GC200, FRP, REFLON, Rubber, Hastelloy B, C, D
- ASTM : A48-CL30, A216-WCB, A743-CF8, CF8M, CF3M, CN7M, B574-C276

Application standard

- ISO-2858, KSB-7501, JIS-8313



Application

- For pumping clean or polluted, cold or hot, chemically neutral or aggressive liquids
- In chemical industry(acid, alkali, chemicals)
- In food and sugar industry
- In environmental protection engineering
- In heating and air conditioning
- In thermal and nuclear power plants
- In fibre and general processing industry
- In pulp and paper industry
- In petrochemical industry
- In coal processing process
- In ship and offshore industry
- In agriculture
- In steel and mining industry
- In building and civil engineering
- In the other various industries

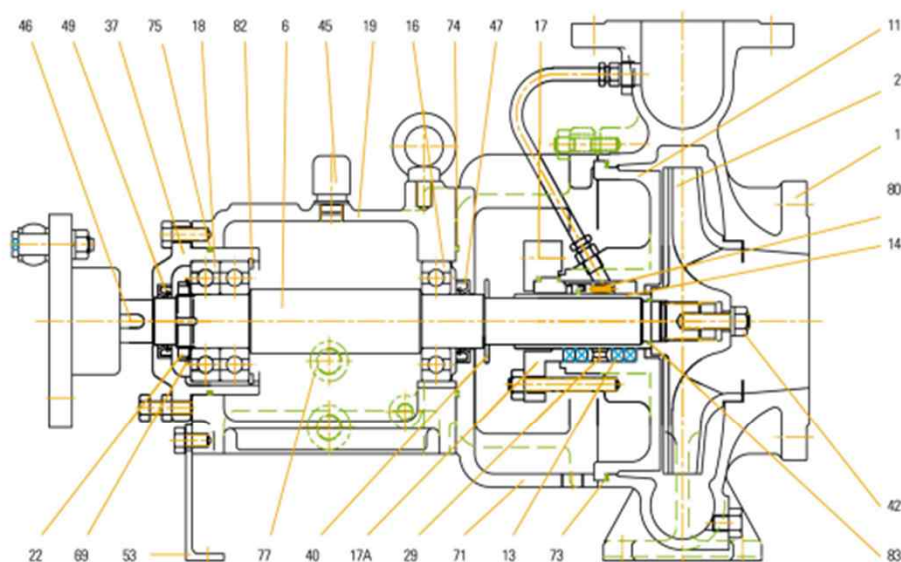
Manufacturing Range

- Capacity(Q) : Up to 24m³/min
- Head(H) : Up to 140m
- Allowable Suction Press : Up to 9kgf/cm²
- Allowable Discharge Press : Up to 16kgf/cm²
- Temperature : -20°C ~ 120°C
- Revolution : 1750 RPM 4P to 3500 RPM 2P(60Hz), 1450 RPM 2P to 2900 RPM 4P(50Hz)
- Rotation : CW(front view from Motor)
- Sealing Type : Mechanical Seal and Gland Packing
- Flange Ratings : KS 10kgf/cm², JIS 10kgf/cm², ANSI150 Facing : FF, RF Location : End Suction, Top Discharge
- Bearing Lubricant : Oil Bath Type

8. MAIN PRODUCT ITEMS

IHV : Horizontal Volute Pump (3-2)

Sectional View

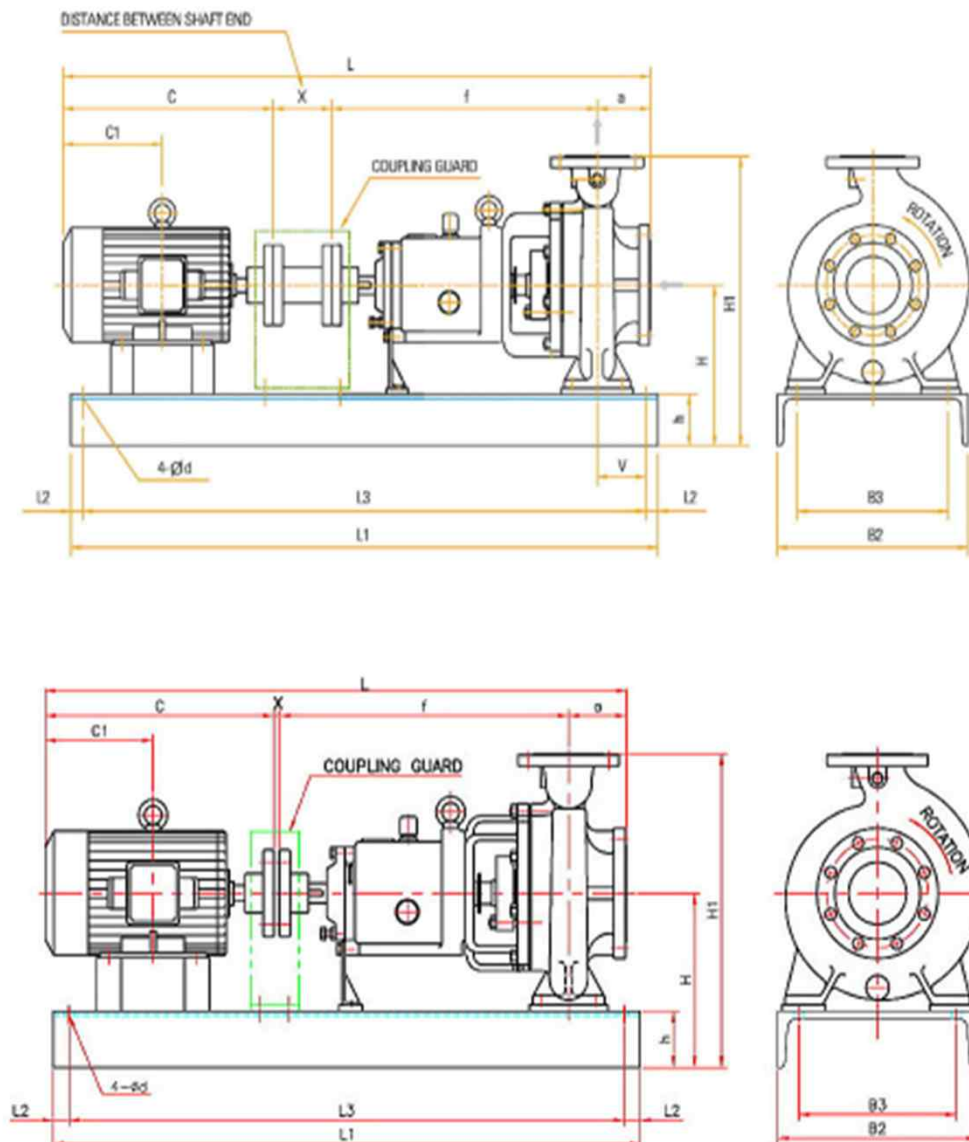


Part No.	Part Name	No. Req'd Per Pump	Material					
			Cast Iron	STS 304	STS 316	Alloy 20	Hast B/C	CD4MCu
1	Casing	1	GC 200	SSC 13	SSC 14	Alloy 20	Hastelloy	CD4MCu
2	Impeller	1	GC 200	SSC 13	SSC 14	Alloy 20	Hastelloy	CD4MCu
6	Shaft	1	SM 45C	STS 304	STS 316			
11	Casing Cover	1	GC 200	SSC 13	SSC 14	Alloy 20	Hastelloy	CD4MCu
13	Gland Packing	4	TEFLON					
14	Shaft Sleeve	1	STS 304		STS 316	Alloy 20	Hastelloy	CD4MCu
16	Ball Bearing	1	STB 2					
17A	Gland	1	GC 200	SSC 13	SSC14	Alloy 20	Hastelloy	CD4MCu
17	Seal Cover	1	SM 45C	STS 304	STS 316	Alloy 20	Hastelloy	CD4MCu
18	Ball Bearing	1	STB 2					
19	Bearing Housing	1	GC 200					
22	Bearing Nut	1	SS 400					
29	Lantern Ring	1	BrC 3	STS 304	STS 316	Alloy 20	Hastelloy	CD4MCu
37	Bearing Cover	1	GC 200					
40	Deflector	1	RUBBER					
42	Impeller Nut	1	STS 304		STS 316	Alloy 20	Hastelloy	CD4MCu
45	Oil Filling Cap	1	PLASTIC					
46	Coupling Key	1	SS400					
47	Oil Seal	1	NBR					
49	Oil Seal	1	NBR					
53	Support	1	SS 400					
69	Bearing Washer	1	SS 400					
71	Adapter	1	GC 200					
73	Casing Gasket	1	RUBBER					
74	Adapter O Ring	1	NBR					
75	Bearing Cover O-Ring	1	NBR					
77	Oil Leveler	1	PLASTIC					
80	Mechanical Seal	1set						
82	Retaining Ring	1	SPS 6					
83	Sleeve O-Ring	1	NBR					

8. MAIN PRODUCT ITEMS

IHV : Horizontal Volute Pump (3-3)

Outline Dimension



8. MAIN PRODUCT ITEMS

IHVF : F.R.P Vertical Volute Pump (2-1)

IHF

Horizontal Centrifugal acid - proof pump



IHVF

Vertical Centrifugal acid-proof Pump



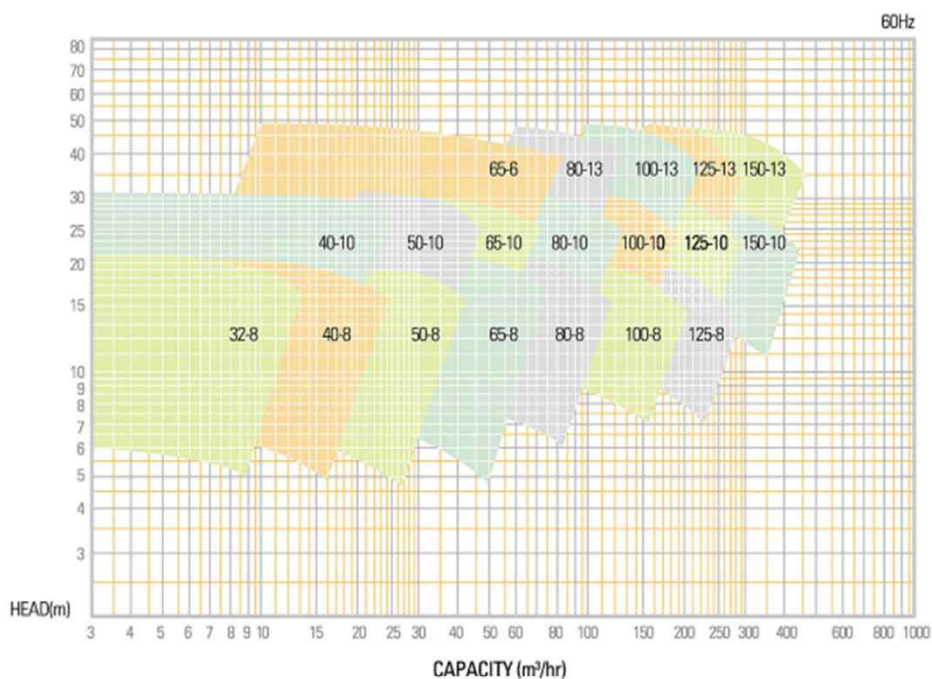
The Feature of F.R.P

- As neither casing nor cover are made of pressed parts, internal reinforcement materials, glass mat is not disposed so that the pump can endure hydrofluoride and strong alkali
- It does not require machining, and has an excellent average corrosion resistance for its cost.
- As this product is made of resin with sufficient solidity considering the mechanical properties, it does not deform by impact or high temperature
- Deragen F.R.P has a strong heat resistance and has an equivalent mechanical property same as aluminium
- Seal type has been improved so that mechanical seal and gland packing can be used at any time

8. MAIN PRODUCT ITEMS

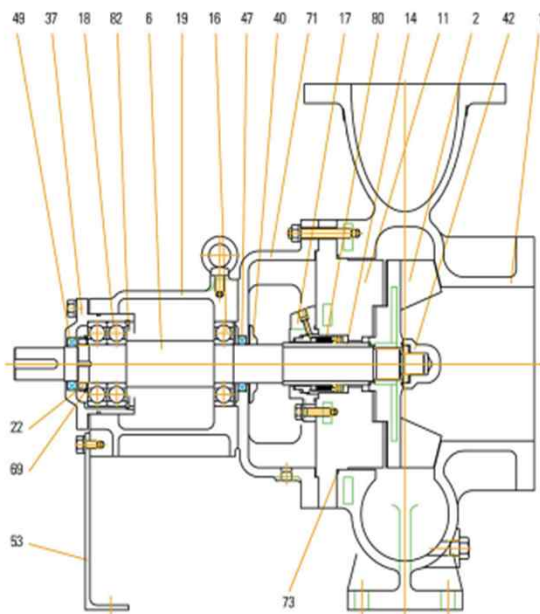
IHVF : Horizontal F.R.P Volute Pump (2-2)

Selection Charts



Sectional View

No.	DESCRIPTION	Qty	MATERIAL
1	CASING	1	FRP
2	IMPELLER	1	FRP
3	SHAFT	1	STS 316
11	CASING COVER	1	FRP
14	SLEEVE	1	HAS-C
16	BALL BEARING	1	STB 2
17	SEAL GLAND	1	HAS-C
18	BALL BEARING	2	STB 2
19	BEARING HOUSING	1	GC 200
22	BEARING NUT	1	SS 400
37	BEARING CASE	1	GC 200
40	DEFLECTOR	1	RUBBER
42	IMPELLER NUT	1	PVC
47	OIL SEAL	1	RUBBER
49	OIL SEAL	1	RUBBER
53	SUPPORT	1	SS 400
69	BEARING WASHER	1	SS 400
71	ADAPTER	1	GC 200
73	GASKET	1	RUBBER
80	MECHANICAL SEAL	1set	
82	STOP RING	1	SPS6



15

10. FACTORY REGISTRATION CERTIFICATE



문서확인번호: 1372-3805-8944-1113 (신청인 : 소진호)



[별지 제8호외2서식] <개정 2011.10.19>

공장설립관리시스템(www.famis.go.kr)
에서도 신청할 수 있습니다.

공장등록증명(신청)서

※ []에는 해당되는 곳에 √표를 합니다.

[일쪽]

접수번호	접수일자	처리기간	즉시
신청인	회사명	전화번호	
	신한내산공업사	031) 986-8960	
	대표자 성명	생년월일(법인등록번호)	
	소진호	54.05.10	
	대표자주소(법인소재지)		
경기도 김포시 하성면 원릉로28번길 51, (원산리 160-2)			
등록 내용	공장소재지	지목	보유구분
	도로명 : 경기도 김포시 하성면 원릉로28번길 51 외 3개 주소	공장용지	자가 [√]
	지번 : 경기도 김포시 하성면 원산리 160-2번지 외 3 필지	임대 []	
	공장등록일 2013-06-26	사업시작	종업원수 남:27 여:2
	공장의 업종(분류번호) 액체 펌프 제조업 (29131)		
공장부지면적 3,600.00 m ²		제조시설면적 1,146.88 m ²	부대시설면적 186.15 m ²
등록 조건			

등록변경·증설등 기재사항 변경내용(변경 날짜 및 내용)

『산업집적활성화 및 공장설립에 관한 법률 시행규칙』 제12조의3에 따라 위와 같이 공장등록증명서를 신청합니다.

2013 년 06 월 28 일

신청인

소진호 (서명 또는 인)

귀하

구비서류	없 음	수수료
		1000 원

『산업집적활성화 및 공장설립에 관한 법률』 제16조([] 제1항· [] 제2항· [] 제3항)에 따라 위와 같이 등록된 공장임을 증명합니다.

2013 년 06 월 28 일

210mm×297mm[일반용지 70g/㎡(재활용품)]

문상호 / 06월28일 09:49



◆본 증명서는 인터넷으로 발급되었으며, 민원24(minwon.go.kr)의 인터넷발급문서진위확인 메뉴를 통해 위·변조 여부를 확인할 수 있습니다.(발급일로부터 90일까지) 또한 문서하단의 바코드로도 진위확인(스캐너용 문서확인프로그램 설치)을 하실 수 있습니다.

11. COPY OF CERTIFICATE & REGISTERED

NO.	NAME	ISSUED
1	CERTIFICATE OF ISO 9001 : 2008 ISO 14001 : 2004	ICR CERTIFICATION LTD.
2	CERTIFICATE OF CE (Conformity to European)	RWTÜV KOREA LTD.
3	CERTIFICATE OF PATENT	THE KOREAN INTELLECTUAL PROPERTY OFFICE
4	CERTIFICATE OF R & D CENTER	KOREA INDUSTRIAL TECHNOLOGY ASSOCIATION
5	CERTIFICATE OF BEST SUPPLY PROCUREMENT " PUMPRO "	KOREA PUBLIC PROCUREMENT SERVICE
6	MAMBERSHIP PROVIDER	SAMSUNG ENGINEERING CO., LTD.
7	QUALIFICATIONS PROVIDER	KOREA SOUTHERN POWER CO., LTD.
8	QUALIFICATIONS PROVIDER	KOREA SOUTH-EAST POWER CO., LTD.

11-1. ISO 9001 : 2008 / ISO 14001 : 2004



Certificate of Registration

This is to certify that :

SHIN HAN NAE SAN Co., LTD.

#158-1, Wonsan-ri, Haseong-myeon, Gimpo-si, Gyeonggi-do, Korea

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

ISO 9001:2008

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

Certification Scope

Design, Manufacture, Installation and Service of
Pumps

Certificate Issue Date : 12th June 2012

Certificate No. : Q066009

Expiration Date : 11th June 2015

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

A handwritten signature in black ink, appearing to read "Seok-gu Kim", is written over a horizontal line.

President



- This certificate is intellectual property of ICR and can be maintained through surveillance and renewal visits.
- If you lose or destroy the certificate, this certificate shall be returned to ICR.
- You can verify the authenticity of this certificate on Certification Confirmer at www.icrp.com



ICR International Certification Registrar is a certification body directly registered to ANAB and it is verified at the ANAB website (www.anab.org)

11-1. ISO 9001 : 2008 / ISO 14001 : 2004



Certificate of Registration

This is to certify that :

SHIN HAN NAE SAN Co., LTD.

158-1, Wonsan-ri, Haseong-myeon, Gimpo-si, Gyeonggi-do, Korea

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

ISO 14001:2004

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

Certification Scope

**Design, Manufacture, Installation and Service of
Pumps**

Certificate Issue Date : 30th July 2013

Certificate No. : E142413

Expiration Date : 29th July 2016

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

A handwritten signature in black ink, appearing to read 'Seo-yeon-jin', is written over a horizontal line.

President



This certificate is the intellectual property of ICR and can be reproduced through surveillance and review audits.
If you are not registered for certification, this certificate shall be returned to ICR.
You can verify the authenticity of this certificate on our website www.icr.org

ICR International Certification Registrar is a certification body directly registered to ANAB and it is verified at the [ANAB website \(www.anab.org\)](http://www.anab.org)

11-2. CE (Conformity to European)

Certificate of conformity with the following European Directives:

RWTV

Registrier-Nr./Registered No.:
KZ-02-M-02140

**Machinery-Directive 98/37/EEC
amended by the Directive 93/68/EEC**

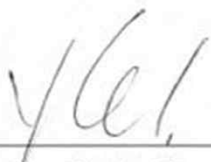
Reference of applicant	Date of application	File reference	Test report No.	Date of issue	Revision
-	31.12.2002	S2-03-P-001	KB-02-M-02280	08.01.2003	0

This is to certify that the following product complies to the essential requirements(Annex I) of the above mentioned European Directives and the following standards:

Product: Centrifugal Pump
Type designation: IHV-65-8
Manufacturer: SHIN HAN NAE SAN LTD.
30-1 Gayang-Dong, Gangseu-Gu, Seoul 157-200 , Korea
Standards: EN 292-2:1991+A1

This Certificate of Conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production, and it does not permit the use of a mark of conformity or of a safety mark of RWTV.

The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.



Signature of responsible
RWTV product testing supervisor

RWTV Korea Ltd.
Tel.: +82-2-3461-4220
Fax: +82-2-3462-4223
E-mail: ilo@rwtv.co.kr

CE The CE marking can be affixed on the product if all relevant and effective Directives are complied with. CE

11-3. CERTIFICATE OF PATENT



특 허 증 CERTIFICATE OF PATENT

특 허 제 10-1019856 호 출원번호 제 2010-0099654 호
(PATENT NUMBER) (APPLICATION NUMBER) (2010-0099654)
출원일 2010년 10월 13일
(FILING DATE: YYMMDD) (2010-10-13)
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(REGISTRATION DATE: YYMMDD) (2011-02-25)

발명의명칭 (TITLE OF THE INVENTION)
입형 원심 펌프의 회전식 스트레이너 및 이를 구비한 입형 원심 펌프

특허권자 (PATENTEE)
소진호 (540510-1*****)
서울 강서구 가양동 30-1

발명자 (INVENTOR)
소진호 (540510-1*****)
서울 강서구 가양동 30-1

위의 발명은 「특허법」에 의하여 특허등록원부에 등록
되었음을 증명합니다.

(THIS IS TO CERTIFY THAT THE PATENT IS REGISTERED ON THE REGISTER OF THE KOREAN
INTELLECTUAL PROPERTY OFFICE.)

2011년 02월 25일



특 허 청
COMMISSIONER, THE KOREAN INTELLECTUAL PROPERTY OFFICE



특허등록료 납부일은 실정등록일 이후 4년차부터 매년 02월 25일까지이며 등록원부로 권리관계를 확인하십시오.

11-4. CERTIFICATE OF R & D CENTER

제 2009110789 호

기업부설연구소인정서

1. 연 구 소 명: 신한내산공업사 기술연구소

[소속기업명: 신한내산공업사]

2. 소 재 지: 서울 강서구 가양동 30-1

3. 신고연월일: 2009년 4월 21일

(최초인정일: 2009년 5월 18일)

※ 유효기간: 중소기업인정요건 한시적 규제완화 적용 만료일(2011년 06월 30일 까지)

기술개발촉진법 제16조 및 동법 시행령 제15조 제1항의
규정에 의하여 위와 같이 기업부설연구소로 인정합니다.

2010년 4월 15일



사단법인 한국산업기술진흥협회장



**11-5. CERTIFICATE OF BEST SUPPLY PROCUREMENT
" PUMPRO "**



***Certificate of Designation of
Excellent Joint Brand***

EXCELLENT JOINT BRAND



우수조달 공동상표

Certificate
number **2011003-3**

Joint Brand

Product

Company

Joint Company

Validity of Certificate July 20. 2011 ~ July 19. 2014

Pumpro



Centrifugal pump

Korea Pump Industry Cooperative
(Representative : Han, Kyung-Soo)

SHIN HAN NAE SAN
(Representative : So, Jin-Ho)

This is to certify that the above mentioned product was designated as an Excellent Joint Brand in accordance with Article 18.2 of the Enforcement Decree of the Government Procurement Act

July 9. 2012

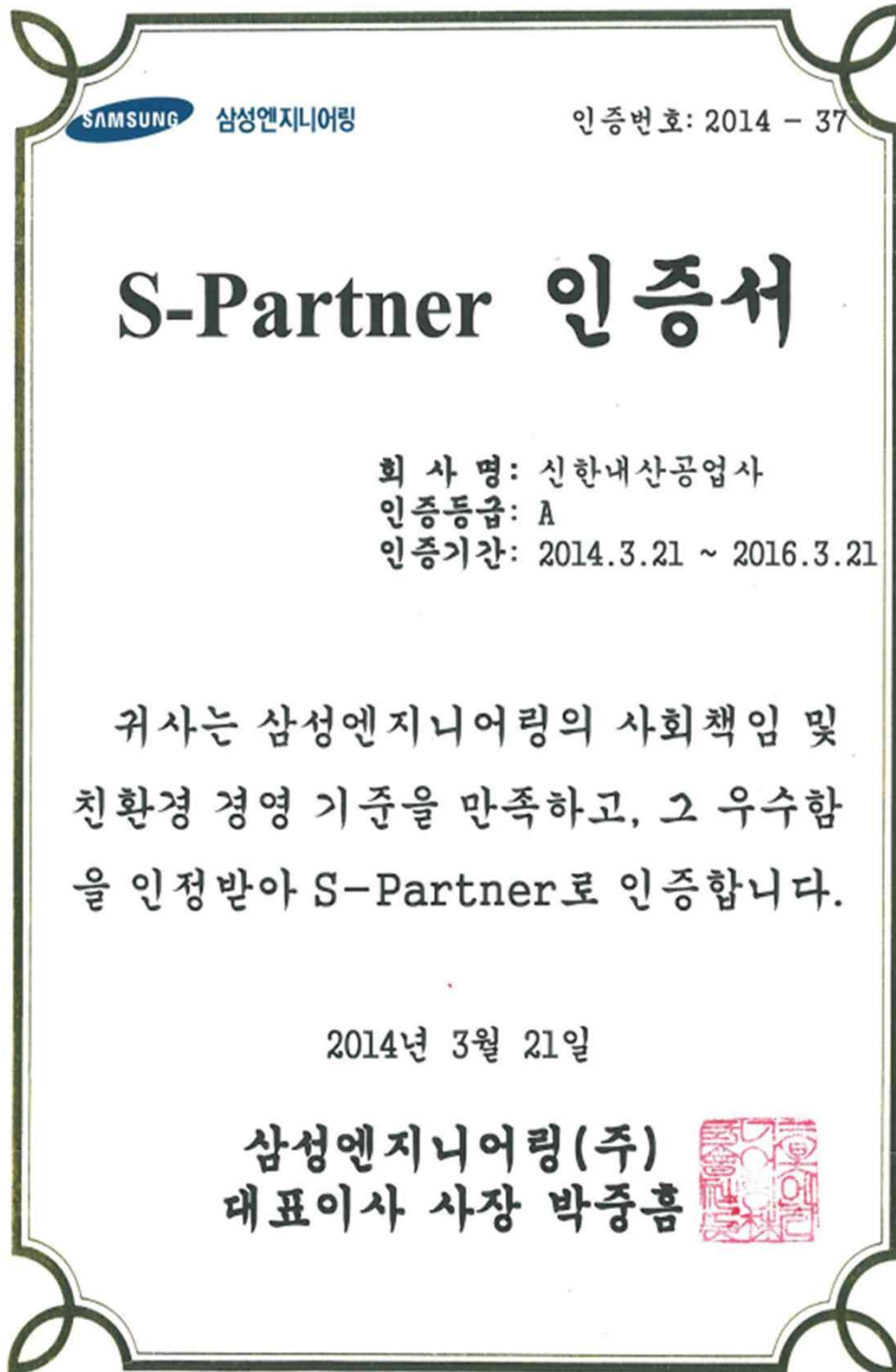
Administrator Kang, Ho-In

Public Procurement Service, Republic of Korea



Government Complex--Daejeon, 189 Cheongsaro, Seo-gu, Daejeon 302-701, Korea
www.pps.go.kr

11-6. PROVIDER'S QUALIFICATIONS :
SAMSUNG ENGINEERING [S-Partner]



11-7. Integrated Authorizations of the 5 group Korea Electric Power Co.

발급번호: 1B92-CSCA-456C-B2A2-624F

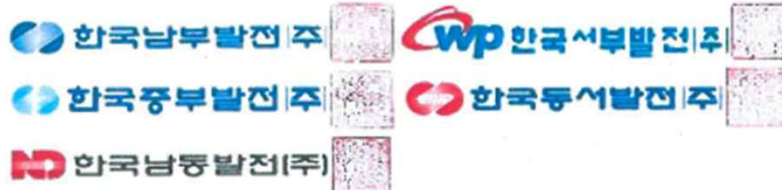
기자재 공급 유자격 등록증

등록번호: EASYU2014-00193
 업체명: 신한내산공업사
 공장주소:
 품명: 일반원심펌프(400HP이상 1000HP미만)
 운영구분: 건설(기계)
 자격유효기간: 2014-06-12 ~ 2017-06-11

비 고 :

상기업체는 기자재공급 통합관리 기준에 따라 한국남부발전(주), 한국서부발전(주), 한국중부발전(주), 한국동서발전(주), 한국남동발전(주)의 기자재 공급 유자격자로 인증함.

2014. 07. 29



※ 인터넷으로 발급된 인증서이며, <https://easyu.kospo.co.kr> 에서 원본 확인이 가능합니다.

12. MANUFACTURING FACILITY

NO.	NAME OF MACHINE	SPECIFICATION	Q'TY
1	CNC MACHINING CENTER	VM-1260	1
2	PRECISION LATHE	1000x3000	1
3	PRECISION LATHE	630x6000	1
4	VERTICAL CNC M/C	ECO 5VR	1
5	HORIZONTAL CNC M/C	HI ECO 31A	1
6	HORIZONTAL CNC M/C	TNL-53	1
7	BORING M/C	BT10B 100 ϕ	1
8	UNIVERSIAL GRINDING M/C	GUP 32 x 100	1
9	SLOTTER	STM - 210	1
10	PRECISION LATHE	HL - 630x3000	1
11	PRECISION LATHE	HL - 460x1500	1
12	PRECISION LATHE	TIPL - 5 530x1550	1
13	PRECISION LATHE	TIPL - 5 530x1050	1
14	PRECISION LATHE	TIPL - 4 400x1060	1
15	PRECISION LATHE	NK - 6 630x1800	1
16	UNIVERSIAL MILLING M/C	HIMV -5U	1
17	UNIVERSIAL MILLING M/C	TMVH -2	1
18	RADIAL DRILLING M/C	NRD -1600	1
19	DRILLING & TAPPING M/C	L. M. S.	3
20	PLASMA CUTTER	INVERTER 130P/C	1
21	ARGON WELDER	INVERTER 300P	1
22	WELDER	VARIABLE	3

13. TEST & INSPECTION FACILITY

NO.	NAME OF MACHINE	SPECIFICATION	Q'TY
1	FLOW CAPACITY CHECKER	V-NOTCH(3m ³ /MIN)	1
2	FLOW CAPACITY CHECKER	□-NOTCH(23m ³ /MIN)	1
3	VIBRATION TESTER	-10 ~ 2,000 °F	2
4	TEMPERATURE TESTER	-10 ~ 2,000 °F	2
5	NOISE TESTER	0 ~ 130 dB	2
6	COATING THICKNESS GAUGE		1
7	VERNIER HEIGHT GAUGE	600mm	1
8	VERNIER CALIPER	HL - 460x1500	20
9	MICRO METER	0 ~ 80mm	2
10	CYLINDER GAUGE	18 ~ 150mm	1
11	AC VOLT & AMPERE METER		3
12	INVERTER	50KW	2

14. SUB VENDER LIST

EQUIPMENT	VENDER NAME	TEL
	ADDRESS	
ALLOY CAST STEEL	JUNG BO SPECIAL ALLOY CO., LTD. KOREA	82-32-541-2305
	738-3 JAKJUN-DONG, GYEYANG-GU, INCHON, KOREA	
	SUNGSHIN HI-ALLOY CASTING CO., LTD	82-32-554-1961
	128-18 SEOUN-DONG, GYEYANG-GU, INCHON, KOREA	
GREY CAST IRON	SUNG WON CAST IRON CO., LTD.	82-32-563-3679
	66-1 DANGOK-DONG, SEO-GU, INCHON, KOREA	
	YOUNGJAE CAST IRON CO., LTD	82-32-561-7935
	434-222 ORYU-DONG, SEO-GU, INCHON, KOREA	
CARBON STEEL STAINLESS	GEOSEUNG STEEL CO., LTD <POSCO DEALER>	82-32-564-3300
	47-5 ORYU-DONG, SEO-GU, INCHON, KOREA	
	TAECHANG STAINLESS CO., LTD.	82-31-488-8800
	2065-8 JUNGWANG-DONG SIHUNG-CITY, KYUNGGI-DO, KOREA	
BEARING	FAG HANWHA BEARING CORP.	82-729-3097
	452-9, NAE-DONG, CHANGWON-CITY, KYUNG NAM, KOREA	
ELECTIC MOTOR	HYOSUNG CORP.	82-2-707-7000
	HYUNDAE HEAVY INDUSTRIES CO., LTD.	82-55-268-9114
MECHANICAL SEAL	KOREA SEALMASTER CO., LTD	82-2-729-3097
	A MEMBER OF FLOWSERVE	
F.R.P.(G.R.P.) MODING	YOUNGJIN INDUSTRIAL CO.	82-31-995-6222
	884-HAKUN-RI, YANGCHON-MYUN, GIMPO-CITY, KYUNGGI-DO, KOREA	
GASKET	JEIL CHEMICAL CO., LTD	82-55-383-1301
	39-5 YUSAN RI, YANGSAN CITY, KYUNG NAM, KOREA	
	SAMSUNG INDUSTRY CO., LTD	82-51-317-7711
	157-4 GAMJEON-DONG SASANG-GU BUSAN, KOREA	
	NIPPON VALQUA INDUSTRIES LTD.	
	SHIN TOKYO BLDG NO3-1,3 CHOME, MARUNOUCHI, CHIYODA-KU, TOKYO, JAPAN	
WELDING ROD	CHOSUN STEEL WIRE CO., LTD	82-51-632-9520
	39, UAM-DONG, NAM-GU, BUSAN, KOREA	
	KISWEL LTD	82-55-269-7200
	58-2 SEONG JU-DONG, CHANGWON CITY, KYUNG NAM, KOREA	
BEAM ANGLE CHANNEL	INI STEEL CO., LTD	
	1 SUNGHYUN-DONG, DONG-GU, INCHON, KOREA	
	DONG KUK STEEL CO., LTD	
	50, SUHA-DONG, JUNG-GU, SEOUL, KOREA	
BOLT & NUT	KOREA BOLT CO., LTD	
	84-11, BANWEOL INDUSTRIAL ESTATE, KYUNGGI-DO, KOREA	
	SHING HUNG BOLT CO., LTD	82-2-2634-4341
	604-1, GURO-DONG, GURO-GU, SEOUL, KOREA	

15. EXPERIENCE RECORDS (OVERSEAS achievements)

Year	BUYER	USER	Qty	MODEL	MATL	MOTOR	Capacity	HEAD
						(HP)	M3/MIN	(M)
2005	Doosan Heavy Industries & Construction	Sohar <JORDAN>	2	IHV32-8	A590-4A(Duplex	5	0.2	12
			2	IHF40-8	GRP	5	0.3	12
			2	IHV40-10	A590-4A(Duplex	7.5	0.3	20
			2	ANR50-10	A590-4A(Duplex	5	0.2	20
			1	IHF32-8	GRP	3	0.1	12
			1	IHV25-8	A590-4A(Duplex	3	0.1	12
2007	Doosan Heavy Industries & Construction	AMMAN PROJECT (WWT SYSTEM) <JORDAN>	2	IHV32-8	A743-CF8	5	0.20	12
			2	IHF40-8	GRP	5	0.30	12
			2	IHV40-10	A743-CF8	7.5	0.30	20
			2	ANR50-10	A743-CF8	5	0.20	20
			1	IHV25-8	A743-CF8	3	0.10	12
	Doosan Heavy Industries & Construction	AMMAN <JORDAN>	2	IHF40-8	GRP	5	0.18	15
			2	IHV32-8	A743-CF8M	5	0.18	15
			2	IHF85-10	GRP	10	0.75	20
	Doosan Heavy Industries & Construction	BARKA PROJECT SOHAR PROJECT <OMAN>	2	IHF40-8	GRP	5	0.30	12
			2	IHV40-10	A743-CF3M	7.5	0.30	20
			2	ANR50-10	A743-CF3M	5	0.20	20
			1	IHV25-8	A743-CF3M	3	0.10	12
			2	IHV25-8	A743-CF8M	3	0.10	10
	Doosan Heavy Industries & Construction	BARKA <OMAN>	2	IHF40-8	GRP	5	0.18	15
			2	IHV32-8	A743-CF8M	5	0.18	15
			2	IHF80-10	GRP	15	1.25	20
	Doosan Heavy Industries & Construction	BARKA PROJECT <OMAN>	2	IHV32-8	A743-CF3M	5	0.20	12
2008	Doosan Heavy Industries & Construction	Doosan Heavy Industries & Construction JEBEL ALI M <DUBAI>	2	IHF 80-13	GRP	30	1.687	25
			2	IHF 32-8	GRP	7.5	0.187	35
			2	IHVT 100-10	A743-CF3M	25	2	20
			2	IHVF 50-8	GRP	5	0.333	12
			2	IHVT 40-10	A743-CF8	5	0.2	20
			2	IHVT 40-8	A743-CF3M	5	0.25	12
			2	IHV 25-8	A743-CF3M	3	0.1	12
	Doosan Heavy Industries & Construction	Pakistan Bahari <PAKISTAN>	2	IHV 32-8	CN-7M	5	0.12	15
	Doosan Heavy Industries & Construction	J-PROJECT <DUBAI>	4	IHVT 40-8	A743-CF8	5	0.25	10
			4	IHVT 40-10	A743-CF8	7.5	0.333	15
			2	IHVT 32-10	A743-CF8	3	0.083	20
			4	IHVT 65-10	A743-CF8	10	0.783	20
			2	IHVT 50-10	A743-CF8	7.5	0.5	20
	Doosan Heavy Industries & Construction	Jebel Ali Power and Desalination Station "M" <DUBAI>	12	IHVT 32-10	A743-CF8	5	0.187	20
			12	IHVT 32-8	A590-4A(Duplex	3	0.187	10
	Doosan Heavy Industries & Construction	Qattalum Combined Cycle Power Plant <QATAR>	2	IHF 40-8	GRP	5	0.187	15
			2	IHV 32-8	A743-CF8M	5	0.187	15
			2	IHV 65-8	A743-CF8M	25	0.83	40

15. EXPERIENCE RECORDS (OVERSEAS achievements)

Year	BUYER	USER	Qty	MODEL	MAT'L	MOTOR	Capacity	HEAD	
						(HP)	M3/MIN	(M)	
2010	Doosan Heavy Industries & Construction.	AL QATRANA POWER PROJECT <JORDAN>	2	IHVT 25-8	A743-CF8	2	0.083	8	
			1	IHVT 40-13	A743-CF8	7.5	0.083	27	
			2	IHVT 40-10	A743-CF8	7.5	0.167	22	
			2	IHVT 50-10	A743-CF8	7.5	0.5	18	
2011	Doosan Heavy Industries & Construction	JORDAN AL QATRANA POWER PROJECT < JORDAN >	1	IHVT 32-10	A216-WC8	3	0.008	20	
2012	HYORIM Industries	LIBYA AL SARIR PJT < LIBYA >	2	IHF 32-10	GRP	7.5	0.167	20	
	Doosan Heavy Industries & Construction	MARAFIQ MED PROJECT < SAUDI ARABIA >	4	IHF 32-8	GRP	5	0.167	20	
			2	IHV 25-8	A743-CF3M	3	0.333	15	
	Doosan Heavy Industries & Construction	Rabigh Power Plant No.2 Project < SAUDI ARABIA >	22	IHVT32-8	C43M/316L	5	0.167	20	
			8	IHVT65-13	C43M/316L	25	0.833	40	
			8	IHVT150-10	C43M/316L	40	4.17	20	
			8	IHVT50-8	C43M/316L	10	0.67	20	
			8	IHVT80-10	C43M/316L	25	1.8	20	
			4	IHVT125-8	C43M/316L	25	2.5	20	
Year	BUYER	USER	Q'TY	MODEL		MAT'L	MOTOR (HP)	Capacity M ³ /MIN	HEAD (M)
2013	Hansu Technical Service	Iran Export PJT < IRAN >	4	IHF	32-8	FRP	5	0.08	16
			2	IHF	40-10	FRP	5	0.25	17
	Chungam Water Treatment Co.	Saudi Rabic < SAUDI ARABIA >	1	IHF	32-8	FRP	3	0.033	20
	BRAINS DAJVIET	Samsung Elect. < VIETNAM >	4	IHF	40-8	FRP	10	0.66	30
			4	IHFV	40-13	FRP	10	0.33	30
			Samsung Elec. < CHINA Kunsan >	2	IHV	50-8	SSCL3	20	0.666

15. EXPERIENCE RECORDS (DOMESTIC achievements)

Year	BUYER	USER	Qty	MODEL	MAT'L	MOTOR	Capacity	HEAD
						(HP)	M3/MIN	(M)
2003	KS SAMYANG WATER SYSTEM CO.,LTD.	Samcheonpo Thermal Power Site Division (W.W.T) <KOREA>	2	IHV 200-13	A48-CL35	75	10	20
			2	IHV 32-8	A743-CF8M	5	0.167	20
			2	SHF-50	GRP	5	0.167	20
			2	IHV 125-10	A890-4A(Duplex)	50	4.417	25
			2	IHV 85-10	A890-4A(Duplex)	15	1	30
			2	SHVT-50	A890-4A(Duplex)	3	0.167	15
2004	HANKOOK JUNGSOO Ind. Co.,LTD.	Yulchon Power Project (W.W.T) <KOREA>	2	IHF40-8	GRP	5	0.233	20
			2	IHF40-10	GRP	7.5	0.233	30
			1	IHF40-8	GRP	3	0.283	15
	Doosan Heavy Industries & Construction	Dangjin Coal Fired Power Complex <KOREA>	2	SHVT-40	A743-CF3M	5	0.1	25
			2	SHVT-100	A743-CF3M	20	1.333	20
			2	SHVT-50	A743-CF3M	20	0.2	15
			2	SHVT-100	A743-CF3M	40	2	40
	Doosan Heavy Industries & Construction	Dangjin Coal Fired Power Complex (#5,6) <KOREA>	8	SHVT-50	A48-CL35	7.5	0.25	30
			2	SHVT-100	A743-CF3M	20	1.333	20
			10	SHVT-50	A48-CL35	7.5	0.25	30
			2	SMF-V300	A48-CL35	120	15	15
			12	SHVT-50	A48-CL35	5	0.2	20
2006	KOSPO	Hadong Thermal Power Site Division <KOREA>	2	IHVT32-8	A743-CF3M	3	0.1	20
			2	IHVT32-10	A743-CF3M	5	0.1	25
	GS E&C	Dangjin Coal Fired Power Complex (#8) <KOREA>	8	50KWO0.75T4	A48-CL35	1	0.1	10
			4	50KWO1.55T4	A48-CL35	2	0.25	10
			4	IHVT40-10	A743-CF3M	7.5	0.2	30
			4	IHVT40-8	A743-CF3M	5	0.2	20
			2	IHVT80-10	A743-CF3M	20	1.333	25
			2	IHVT32-8	A743-CF3M	3	0.2	10
			2	IHVT40-13	A743-CF3M	10	0.2	35
			2	IHVT32-10	A743-CF3M	5	0.1	25
2007	DAEWOO E&C	Boryeong Thermal Power Site Division(#8) <KOREA>	2	IHVT100-8	A743-CF3M	30	2.00	20
			2	IHVT40-10	A48-CL35	7.5	0.25	25
	SAMSUNG C&T	Hadong Thermal Power Site Division (#7,8) <KOREA>	2	IHVT32-10	A48-CL35	5	0.10	25
			2	IHVT40-10	A743-CF3M	7.5	0.20	30
			2	IHVT32-8	A743-CF3M	3	0.10	20
	SAMSUNG C&T	Hadong Thermal Power Site Division (#7,8) <KOREA>	4	350 KSE1.54T	A743-CF3M	2	0.20	10
			4	350 KSE1.54T	A48-CL35	2	0.30	10
			1	IHVT50-8	A48-CL35	3	0.30	10
2007	Doosan Heavy Industries & Construction	Hadong Thermal Power Site Division (#7,8) <KOREA>	2	50KWO 1.5T4	A48-CL35	2	0.13	15
			4	IHV80-10	A743-CF3M	20	1.33	25
			4	IHV40-10	A743-CF3M	10	0.33	25
			2	IHV40-8	A48-CL35	5	0.25	20
			2	80KWO 2.2T	A48-CL35	3	0.33	15
2007	Doosan Heavy Industries & Construction	Hadong Thermal Power Site Division (#7,8) <KOREA>	2	80KWO 2.2T	A48-CL35	3	0.25	15
			2	80KWO 2.2T	A48-CL35	3	0.25	15

15. EXPERIENCE RECORDS (DOMESTIC achievements)

Year	BUYER	USER	Qty	MODEL	MAT'L	MOTOR	Capacity	HEAD
						(HP)	M3/MIN	(M)
2009	KC SAMYANG WATER SYSTEM CO.,LTD.	Honam Coal-Fired Power Plant (W.W.T) <KOREA>	2	IHV 100-13	A743-CF8	40	2	40
			2	IHV 100-13	A743-CF8M	40	2.17	40
			2	IHV 100-8	A743-CF8M	20	2	20
			2	IHV 100-10	A743-CF8	30	2	30
			2	IHV 150-10	A743-CF8	50	8.33	20
			2	IHV 100-13	A743-CF8	50	2	50
			2	IHV 85-8	A743-CF8	10	0.83	20
			2	IHV 32-8	A743-CF8M	5	0.2	20
			2	IHF 32-8	GRP	5	0.2	20
			2	IHV 25-8	A743-CF8	5	0.087	30
	SEOUL Thermal Power Plant	Seoul Thermal Power Plant (danginree) <KOREA>	2	IHV 50-8	A743-CF8	7.5	0.667	15
	MJ Co., Ltd.	Jeju Thermal Power Plant <KOREA>	1	IHV 80-8	A743-CF8	7.5	0.833	10
	DAEWOO Engineering co.,Ltd	Incheon Posco Power LNG Combined Thermal Power #5,6 W/W Treatment System <KOREA>	2	IHV 50-13	A743-CF8M	15		
			2	IHV 50-8	A743-CF8M	10	0.667	20
			2	IHV 50-10	A743-CF8	10	0.667	30
			2	IHV 100-10	A743-CF8	30	2.5	30
			2	IHV 25-8	A743-CF8	2	0.083	15
			2	IHV 32-8	A743-CF8	3	0.167	20
	SAMBU	Dangjin Coal Fired Power Complex <KOREA>	2	SHS-40(2"x2")	MS90-4A(Duplex)	3	0.02	15
2010	DAEWOO E&C	KOREA DISTRICT HEATING CORP. Paju Branch (Sump Pump) <KOREA>	4	IHVT 32-8	A743-CF8	3	0.167	15
			2	IHVT 40-8	A743-CF8	7.5	0.35	15
			2	IHVT 32-8	A743-CF8	3	0.167	15
			2	IHVT 40-8	A743-CF8	7.5	0.35	15
			2	IHVT 32-8	A743-CF8	3	0.167	15
			2	IHVT 32-10	A743-CF8	7.5	0.167	30
			2	IHVT 65-8	A743-CF8	10	0.833	20
			4	IHVT 32-8	A743-CF8	3	0.167	15
			2	IHVT 65-13	A743-CF8	20	1.167	30
			2	IHVT 32-8	A743-CF8	3	0.167	15
			2	IHVT 65-13	A743-CF8	20	1.167	30
			4	IHVT 32-8	A743-CF8	5	0.167	20
	Hyeosung Ebara Engineering co.,Ltd	Yeongheung Thermal Power Site Division (SMART PROJECT) <KOREA>	2	IHF 125-13	GRP	50	3.717	30
			2	IHF 125-13	GRP	50	3.533	30
			2	IHF 200-13	GRP	150	8.85	40
			2	IHF 125-10	GRP	50	2.667	30
			2	IHF 65-13	GRP	25	0.833	35
			2	IHF 40-10	GRP	7.5	0.367	30
			2	IHF 65-8	GRP	10	0.767	30
			2	IHF 32-8	GRP	3	0.1	20
			2	IHF 32-8	GRP	2	0.017	20
			1	IHF 65-10	GRP	15	0.8	30
			2	IHF 65-10	GRP	15	0.8	30
			2	IHVF 32-8(2")	GRP	3	0.2	15
2012	POSCO E&C	Boryeong Thermal Power Site Division(#8) <KOREA>	1	IHVT 32-10	A2168r WCB	7.5	0.167	24

15. EXPERIENCE RECORDS (DOMESTIC achievements)

Year	BUYER	USER	Q'TY	MODEL		MAT'L	MOTOR	Capacity	HEAD
							(HP)	M ³ /MIN	(M)
2013	Samsung Engeering	Asan Green Contor [KOREA]	4	SHVF	50	FRP	5	0.2	25
			4	IHF	125-13	C-FRP	61	3.333	45
			9	IHF	250-13	C-FRP	203	10.9	49
	Samsung C & T	Suwon Elec. M-PJT [KOREA]	13	IHF	50-10	FRP	10	0.6	29
			7	IHF	32-8	FRP	3	0.3	15
			2	IHF	40-8	FRP	5	0.38	21
			23	IHVF	50	FRP	2	0.2	10
		Onyang TP Center 2th Cheonan A-PJT [KOREA]	2	SHVF	50	FRP	3	0.2	15
	AhSi Ocean	Lotte World Aquarium [KOREA]	32	IHF	40-10	FRP	7	0.3	29
			6	IHF	50-8	FRP	10	0.5	18
			8	IHF	65-8	FRP	14	1.165	12
			4	IHF	80-8	FRP	10	1.333	15
			8	IHF	65-8	FRP	14	1.165	12
			2	IHF	150-10	FRP	41	4	19
			4	IHF	150-10	FRP	41	4.583	12
			4	IHF	125-8	FRP	25	2.833	17
			2	IHF	250-13	FRP	61	10.833	12
	CRATEC	Chungnam Sacheon Contaminated Soil Purification Equipment PJT [KOREA]	1	IHV	32-8	GC200	3	0.16	20
			2	IHV	50-8	GC200	7	0.66	20
			1	IHV	65-8	GC200	15	1	20
			1	IHV	100-13	GC200	61	2.5	50
			3	SDM	80-25	CD4M	74	1	80
			5	SHWM	80SC	GC+CD4M	7	0.5	20
			1	SHWM	100SC	GC+CD4M	20	1	20
			2	SHWM	200SC	GC+RUB	74	4.16	30
	Cheil Plants	Cosmo Chemical [KOREA]	2	IHV	65-8	CD4M	20	1.166	20
			2	IHV	50-8	CD4M	30	1.166	63
			1	IHV	25-8	CD4M	3	0.083	20
			1	IHV	80-10	CD4M	25	1.5	30
			1	SHWM	80SC	GC+RUB	15	0.66	20
			2	SHWM	100SC	GC+RUB	20	1	20
	JeongSan ENT	Cosmo Chemical [KOREA]	6	SHWM	25SC	GC+RUB	5	0.083	20
			2	SHWM	40AH	GC+RUB	5	0.16	20
			1	SHWM	80SC	GC+RUB	15	0.3	10

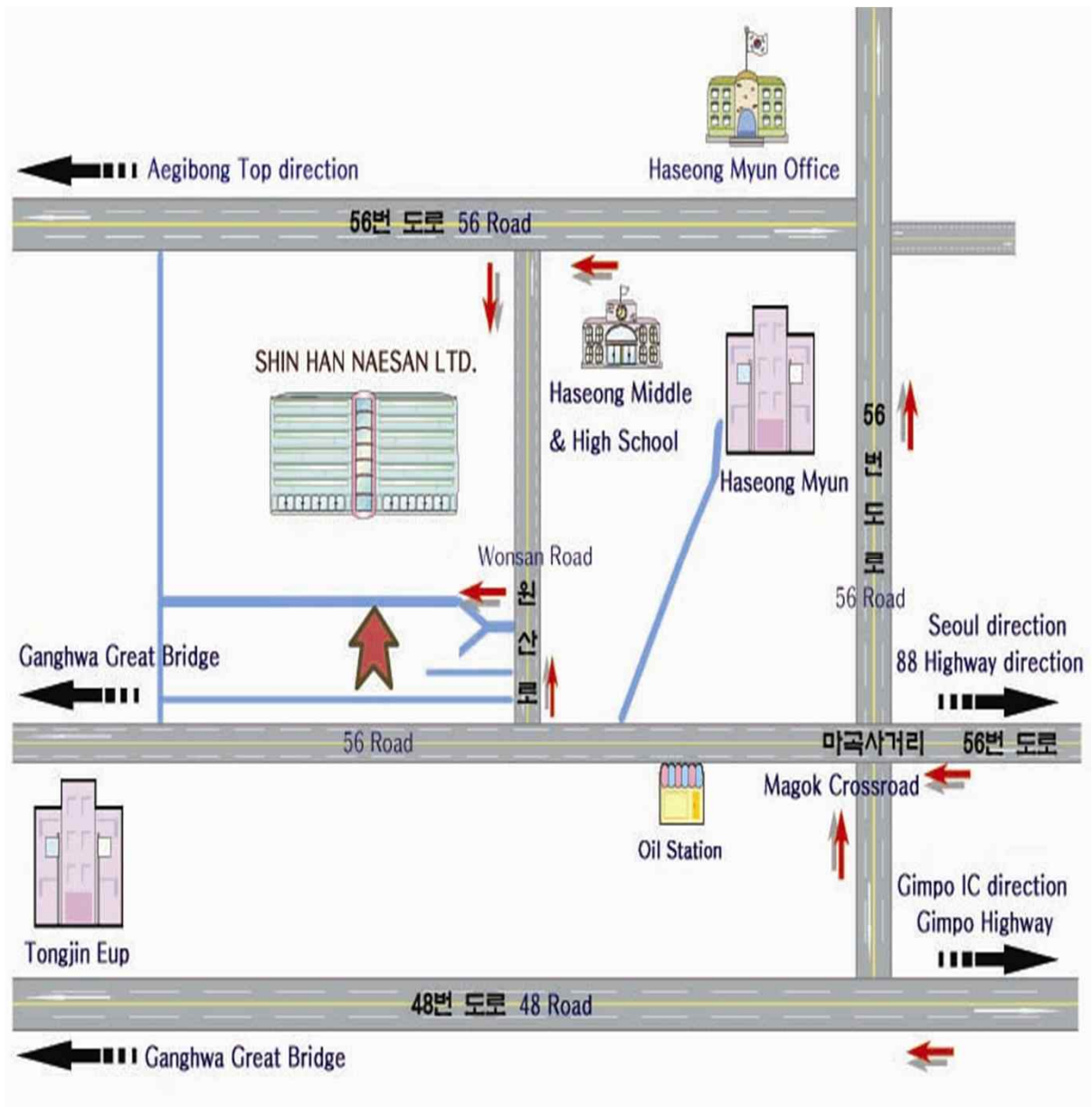
15. EXPERIENCE RECORDS (DOMESTIC achievements)

Year	BUYER	USER	Q'TY	MODEL		MAT'L	MOTOR	Capacity	HEAD
							(HP)	M ³ /MIN	(M)
2013	Hansung Cleantec	Dongwoo HwainCam (PyeongTeak City) [KOREA]	2	IHV	32-8	GC250	3	0.15	20
			1	IHVT	25-8	GC250	3	0.1	15
		Dongwoo HwainCam G-2 Project [KOREA]	5	IHV	40-8	GC200	5	0.33	20
			6	SHWM	40AH	GC+RUB	5	0.25	20
			2	IHVT	32-10	GC200	5	0.1666	25
			1	IHV	80-10	GC200	20	1.666	25
	Mirae Engineering	Happy Town (Sejong City) [KOREA]	2	IHV	40-8	SSC13	25	0.5	80
			2	IHV	50-13	GCD450	20	0.5	50
			2	IHV	65-13	SSC13	25	1	40
			2	IHV	80-10	SSC13	25	1.66	25
			2	IHV	80-13	SSC13	30	1.66	10
	BMS	Hyundai Hisco [KOREA]	1	IHV	32-8	ALLOY-20	3	0.15	20
			1	IHV	65-13	SSC13	20	1	40
			1	SHV	50	SSC13	5	0.2	25
		Hyundai Hisco (Dangjin City) [KOREA]	1	IHV	32-10	SSC14	5	0.025	25
			1	IHV	50-8	SSC14	7	0.466	20
			1	IHV	65-6	SSC13	5	0.366	10
			1	IHV	80-6	SSC14	5	0.733	10
			1	IHV	125-8	SSC13	15	2.666	10
		Suncheon Hisco [KOREA]	2	IHV	80-8	ALLOY-20	20	1.5	20
	Green & Tec	YeongPung Seokpo smeltery [KOREA]	2	IHF	32-8	C-FRP	5	0.166	15
			2	IHF	100-8	C-FRP	15	1.533	15
			2	IHF	150-10	C-FRP	41	3.666	20
	Veolia Water	DongBu Steel [KOREA]	1	SHWM	40AH	GC+RUB	15	0.25	50
			1	SHWM	80SC	GC+RUB	5	0.25	15
			1	SHWM	80AH	GC+RUB	30	0.5	60
	Cosmo Construction	Cosmo Chemical [KOREA]	2	SHWM	25SC	GC+RUB	5	0.16	20
			2	IHV	25-8	SSC13	2	0.08	20
	Dongwoo HwainCam	PyeongTaek city [KOREA]	1	IHVT	32-8	SSC13	3	0.2	12
		SAMKI [KOREA]	5	IHVT	32-10	SSC13	5	0.16	25
		3Area For fruit trees [KOREA]	1	IHV	50-8	SSC14	7	0.5	20
	Sunjin EST	Firstcolor (Chungju city) [KOREA]	8	IHV	40-8	SSC13	25	0.666	70

15. EXPERIENCE RECORDS (DOMESTIC achievements)

Year	BUYER	USER	Q'TY	MODEL		MAT'L	MOTOR	Capacity	HEAD
							(HP)	M ³ /MIN	(M)
2013	TEUKSU	LG Life Sciences [KOREA]	1	IHV	25-8	SSC14	5	0.03	50
		LG Life Sciences [KOREA]	1	IHV	32-10	SSC14	3	0.083	23.7
	IN & OUT (Korong Solusion)	Cockes 3th Line [KOREA]	2	IHV	65-6	GC250	5	0.33	10
		Cockes 4th Line [KOREA]	2	IHV	40-13	GC250	15	0.33	39
	Tera	Samsung Coning Precision [Tangjung] [KOREA]	1	IHVT-40	(32-10)	SSC13	5	0.1	30
	ROICKS	Yangju Group Energy [KOREA]	2	IHV	65-13	SSC13	25	1	50
	Entec ENC	삼성SDC [KOREA]	1	SHVF	50	FRP	3	0.2	15
	Eco Energy	Capital Landfill [KOREA]	2	IHV	150-10	SSC14	50	5	26
	Aha Mtoc	YeongDong Fire [KOREA]	1	IHV	125-13	CD4M	74	4.32	34
	Korea I platform	Korea Aero Co. [KOREA]	1	IHV	65-10	SSC13	0	1	30
	Korea Environ. Engeering	Geoje city Water [KOREA]	1	IHV	40-8	SSC13	10	0.13	60
	Shinhan Ind.	Posco (Pohang) [KOREA]	2	IHV	32-8	GC200	10	0.33	50
	LG ServeOne	Dongbu Hitec [KOREA]	1	IHV	40-8	Hi-Cr	20	0.3	60
	Saeng	Gijang Sea Fresh Admin. [KOREA]	2	IHF	100-8	FRP	10	1.666	5
	Wonjil Watertoc	Nanji Sewage Treatment Plant [KOREA]	1	SSP	300	GCD450	41	9	11
	Greeworks	POSCO NEEDLE COKE [KOREA]	2	IHV	32-10	Hi-Cr	5	0.1	25
	Korong Industry	HeraClon 2P-1500 [KOREA]	1	IHV	25-8	CD4M	2	0.016	20
	SungWoo	YeongHeung Thermal Power Plant [KOREA]	2	IHV	32-8	SSC13	2	0.17	17.5
	WollcronHantec	Chungsong Waste water Concentration Equipment (GS Polatec) [KOREA]	1	IHV	100-8	SSC14	25	2.083	10

16. COMPANY ROUGH MAP



♥ THANK YOU !!! ♥

You are the Business largely thrive !!!

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you deeply reliance as a good friend .**

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