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SY METAL

SY METAL Co., Ltd. takes Customer's needs and Satisfaction into Our Top Priority at all times, thinking from the Perspective of the Customer.

Greeting

인사말

“(주)에스와이메탈은 작은 차이를 위한 끊임없는 노력과 신념으로
고품질과 제품신뢰도 향상을 다하겠습니다.”

SY Metal Co., Ltd. will exert our best efforts to improve the quality and reliability of our products
with our ceaseless efforts in the light of our mission and philosophy.

(주)에스와이메탈 대표이사 이상호입니다.

언제나 한결같이 (주)에스와이메탈에 애정과 관심을 보여주시는 고객 여러분들께 깊은 감사를 드립니다. 1998년 창립된 선양기계금속에서 출발한 (주)에스와이메탈의 역사가 어느덧 20년이 넘었습니다. 저희 (주)에스와이메탈은 원심주조 전문업체로서 국내 제일의 설비 및 기술력을 바탕으로 1998년 창업 이래 오로지 동합금주물의 기술개발 및 품질향상에 전념하고 있습니다.

저희 (주)에스와이메탈은 발전 및 제철 설비, 선박용 부품, 연속주조설비용 부품, 산업기계 및 자동차프레스부품 등에 소요되는 순동 및 동합금 제품을 생산하고 있습니다. 저희 모든 임직원은 품질 시스템의 지속적 개선을 통해 고객 만족과 제품신뢰를 향상시키고 있습니다. 신제품개발로 귀사에 사용되는 제품에 대하여 최고의 품질과 적기의 납품으로 고객의 부응에 보답하고자 하오며 앞으로 더욱 더 최선을 다할 것을 약속드립니다.

감사합니다.

Greetings! I am Sangho Lee, CEO of SY Metal Co., Ltd.

We would like to express our sincere gratitude to all of our customers who has shown love and interest to SY Metal.

Founded in 1998, SY Metal Co., Ltd., which started from Sheon-Yang Machinery Metals, has been operating for more than 20 years. SY Metal Co., Ltd. is specialized in centrifugal casting, and has been devoted to technology development and quality improvement of copper alloy casting with technological competitiveness and high quality equipment in Korea.

SY Metal Co., Ltd. produces pure copper and copper alloy products for power generation and steel plant, shipbuilding parts, parts for continuous casting equipment, industrial machinery and automotive press parts and other parts.

All of our executives and employees are committed to improve customer satisfaction and product quality and reliability through continuous improvement of quality system. With the development of new products, we will continue to provide the best quality and timely delivery of the products to be applied to the products of our customer.

Thank you.

(주)에스와이메탈 대표이사 **이상호**

SY METAL Co., Ltd. CEO **Sang-Ho, Lee**

History

연혁

- | | | | | | |
|------|----|---|------|----|--|
| 2017 | 12 | 포스코 캠텍 업체 등록
Registered as a Qualified Supplier for POSCO Chemtech Company | 2005 | 03 | 발전설비 정비적격업체 등록
(한국남부발전소, 한국동서발전소)
Registered as a Qualified Maintenance Company of Power Generation Facilities (Korea Southern Power Plant, Korea East-West Power Plant) |
| 2016 | 08 | ABS(APS) 제조공장승인
Approved of ABS(APS) Manufacturing Plant | | | |
| | 07 | 현대로템(주), 현대위아(주) 업체등록
Registered as a Qualified Supplier for Hyundai Rotem and Hyundai Wia | 2003 | 12 | 벤처기업 등록, 연구개발 전담 부서 설립
Selected as Venture Business, Established a Research and Development Department |
| 2015 | 02 | 대우조선해양 업체등록
Registered as a Qualified Supplier for Daewoo Shipbuilding & Marine Company | | 10 | ISO 9001 인증 획득
Acquired ISO 9001 Quality Management System Certification |
| 2014 | 03 | 특허출원 : 하이크롬강 원심주조 방법
Patent Application : High Chrome Steel Centrifugal Casting Method | | 09 | 부품소재 전문기업 인정(산업자원부)
Registered as Specialized Parts and Materials Company |
| 2013 | 03 | 특허출원 : 중공형 주조물 추출 장치
Patent Application : Hollow Tube Casting Extractor | 2001 | 10 | (주)선양기계금속 법인 전환
Incorporated to Sunyang Metal Co., Ltd. |
| | 02 | 특허출원 : 원심주조용 자동주입장치
Patent Application : Automatic Injection Device for Centrifugal Casting | | 06 | 포항종합제철(주), 현대중공업(주) 업체등록
Registered as a supplying company to POSCO and Hyundai Heavy Industries Co., Ltd. |
| 2011 | 03 | 실용신안 : 선반을 이용한 중공관 내경 절삭장치
Practical Design : Hollow Tube Bore Cutting Device using a Lathe | | 03 | ISO 9002 인증 획득
Acquired ISO 9002 Quality Management System Certification |
| 2010 | 02 | 특허출원 : 알루미늄 회전자 원심주조 방법
Registration of Patent : The Centrifugal Casting Method for a Rotor Construc | | 01 | DNV, BV, LR, GL 선급 제조 공장 승인
Approval of DNV, BV, LR, GL |
| 2009 | 12 | KR 제조공장 승인
Approved of KR Manufacturing Plant | 1999 | 07 | 두산중공업(주), 효성중공업(주), 삼성중공업(주) 업체등록
Registered as supplying company to Doosan Heavy Industries & Construction, Hyosung Industries and Samsung Heavy Industries |
| 2008 | 10 | 이노비즈 기업인증
Appointed as INO-BIZ by SMBA | 1998 | 09 | 선양기계금속 설립
Sunyang Metal founded in Busan, Korea |
| 2007 | 09 | 유망중소기업(부산은행, 기업은행)
Selected as Promising Medium-Small Sized Business (Busan Bank, IBK) | | | |



MAIN BUSINESS

주요사업



IMPROVE PRODUCT RELIABILITY

항상고객의 입장에서
한 번 더 생각하는
고객제일주의,
(주)에스와이메탈의 가치입니다.



발전 및 제철설비
Power Generation and Steel Plant

06



선박용부품
Ship Parts

08



연속주조설비용부품
Parts for Continuous Casting

10



산업기계 및 기타부품
Industrial Machinery and Other Parts

12



Power Generation and Steel Plant 발전 및 제철 설비

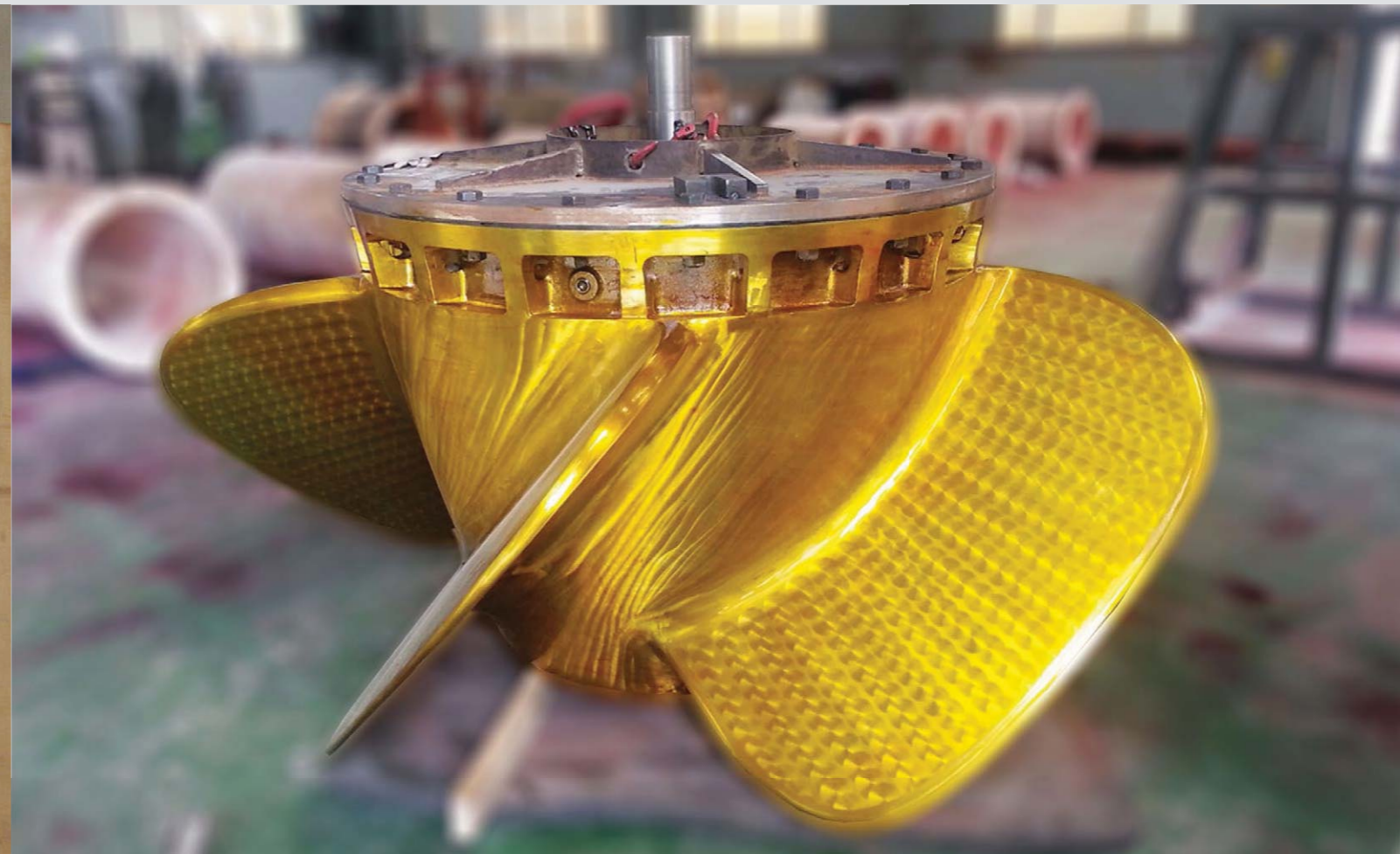
Main Items 취급품목

Steel Plant	Pressure Screw Nut, Slipper Metal, Various Liners, Metal Parts for Cranes, Worm Gear, Spreader, Bearing Metal, Bush, Wedge Segment Sleeve, Metal Bearing for Ladle Car, Metal for Pan Car, Hook Metal, Spherical Bearing
Gear Speed Reducer	Worm Wheel
High Voltage Electric Moto	Resistance Ring End Ring
Gas & Steam Turbine	Upper and Low Wear Ring

Products 생산품목

The products shown are:

- Screw Nut
- Spherical Bearing
- T/PAD
- Slipper Metal
- Bush
- Oilless Bush
- Worm Wheel
- End Ring
- Wedge
- Liner



Ship Parts

선박용 부품

Main Items 취급품목

Rudder	Carrier Bush, Disc & Packing Gland, Neck Bush & Sleeve, Pintle Bush & Sleeve
Propeller Shaft	Stern Tube Bearing Bush & Holder, Shaft Sleeve, Propeller, Propeller Cap, Propeller Boss Cap Fin (PBCF)
Steering Gear	Slide Block, Bearing Bush
Side Thruster	Blade, Hub Body, Piston, Shoe
Weater Jet	Intermediate Shaft, Staffing Box
Engine	Slide Ring For Piston Crown, Scraper Ring

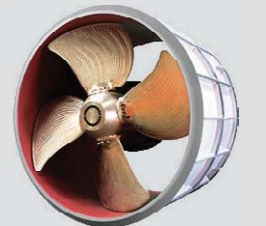
Products 생산품목



PBCF (Cap)



Propeller Shaft Sleeve



Side Thruster



Propeller Cap



Stern Tube Bearing Bush



Pintle Bush



Propeller



Rudder Bush & Disc



Slide Ring



Parts for Continuous Casting

연속 주조 설비용 부품

Main Items 취급품목

Continuous Casting

Roll Cell, Slag Lander,
Bearing Metal, Bush & Half Bush,
Roll Forging, Cu-Mold, Wiper Roll

Products 생산품목





Industrial Machinery and Other Parts

산업 기계 및 기타 부품

Main Items 취급품목

Elevator Traction Machine	Worm Wheel
Press	Main Shaft Bush, Slide Liner, Con Lod Bush, Worm Wheel
Valve	Butterfly Valve Body & Disc, Seat Ring, Disc Ring, Piston Ring, Channel Head & Floating Head for Heat Exchanger
Crusher	Eccentric Bush, Main Frame Bush, Seat Liner
Heavy Equipment	Under Roller, Upper Roller, Ider Roller Bush for Fork Lift, Crane Bushing

Products 생산품목



Worm Wheel



Eccentric Bush



Main Shaft Bush



Slide Liner



Butterfly Valve Body



Channel Head



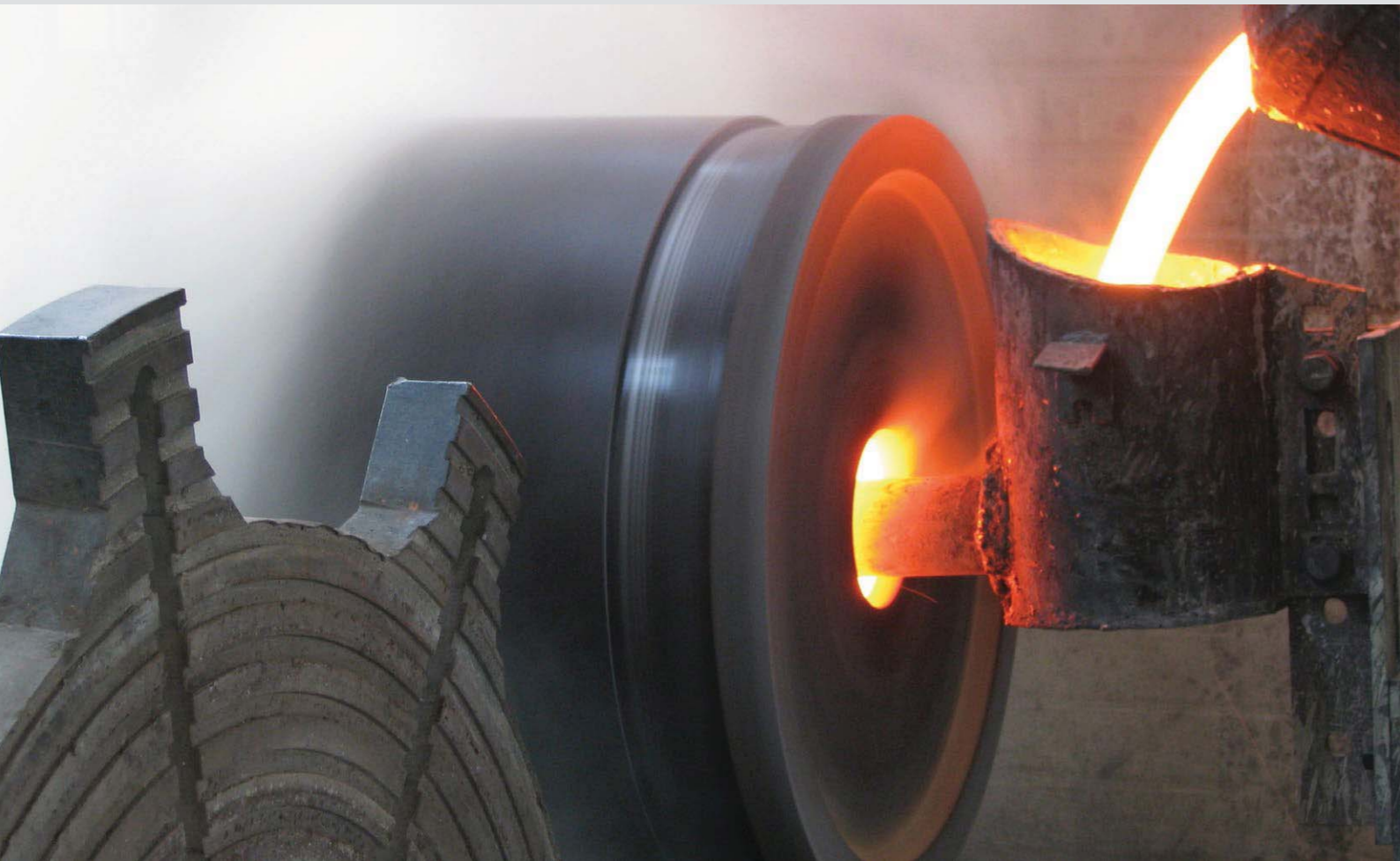
Butterfly Valve Disc



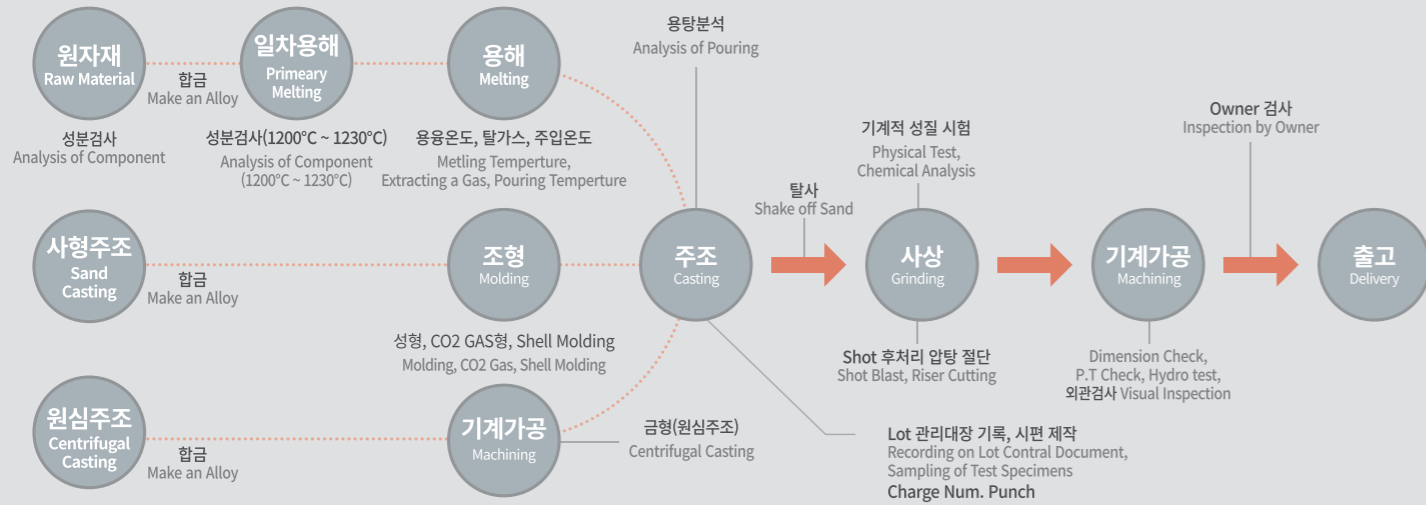
Crane Bush



Bush and Washer

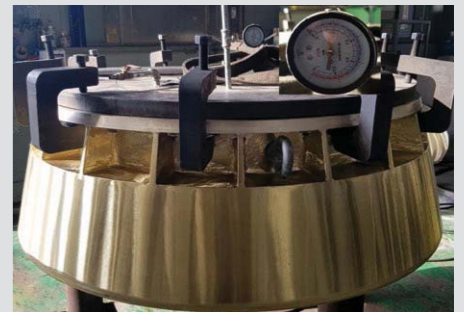


Process Chart 공정도



Inspection and Testing Equipment 검사 및 시험 설비

Description	Specification	Unit	Description	Specification	Unit
Spectro Meter	HSNO : 9024	1	Vernier Calipers	FULL SET	40
Universal Testing M/C	30 ton	1	Internal Diameter Micro Meter	FULL SET	40
Brinell Hardness Tester	3 ton	1	Outside Diameter Micro Meter	FULL SET	35
Digital Conductivity Tester		1	Inside Indicator Gauge (Cylinder Gauge)	FULL SET	10
Portable Hardness Tester		1	Three-Dimensional Measurement (LAY OUT M/C)	3000X2500L	1
Hydraulic Pressure Tester	0 ~ 1600	8	Surface Roughness Tester		1





Casting Facility 주조설비

Description	Specification	Unit	Description	Specification	Unit
Electric Induction Furnace	2000kg	2	Ladle	0.1ton ~ 20ton	10
	3000kg	2	Digital Scale	3ton	2
Heavy Oil Type Tilting Furnace	3000kg	2	Overhead Crane	10ton	2
	1000kg	4		5ton	2
Horizontal Centrifugal Casting M/C	Max φ 800X4000L	2	Sand Mixer	2ton	2
	Max φ 800X3000L	2	Steel Mold for Centrifugal Casting	φ 4000 ~ φ 100	98
Vertical Centrifugal Casting M/C	Max φ 3000X300L	2	Arc Welding M/C	50	1

Processing Facility 가공설비

Description	Specification	Unit	Description	Specification	Unit
Horizontal Lathe	Φ 1100X4000L	1	Milling	Φ 2000X500L	1
	Φ 900X2000L	1	Radial Drilling M/C	Φ 2000X1500L	1
	Φ 720X3000L	1	NC Vertical Lathe	Φ 1100X500L	1
	Φ 720X2000L	1	NC Boring	130 T	1
Vertical Lathe	Φ 580X2000L	1	MCT	1000	1
	Φ 2000X1300L	1		630	2
Milling	Φ 2400x1600L	1	Overhead Crane	5ton	2
	Φ 1000X500L	1	CAM	IDEARS	





SY Metal Co., Ltd. will endeavor to improve the quality and reliability of products with ceaseless effort and faith for create the difference.

작은 차이를 위한 끊임없는 노력과 신념으로, 고품질과 제품 신뢰도의 향상을 위해 최선을 다하는 (주)에스와이메탈이 되겠습니다.

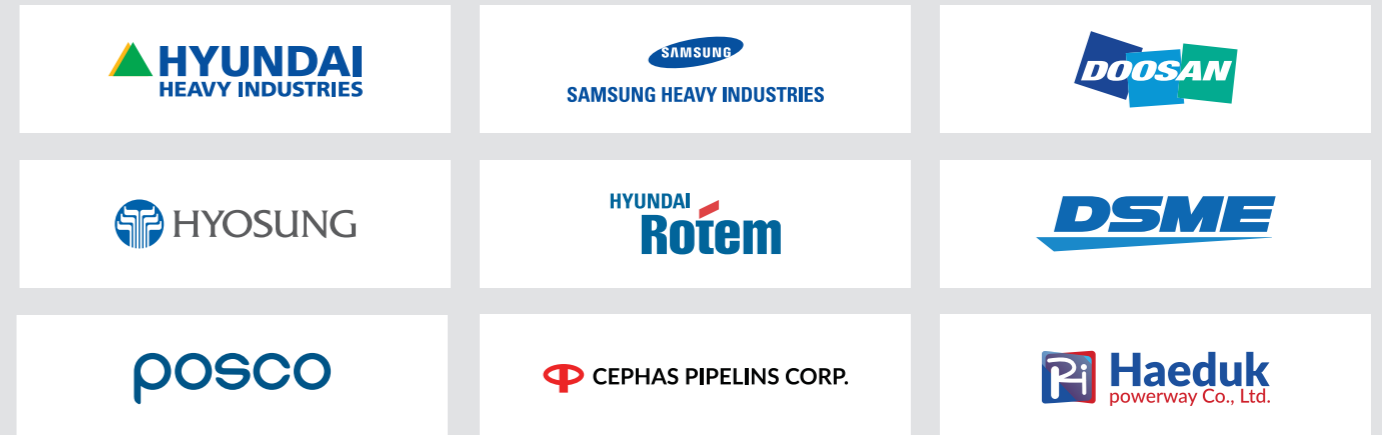
Certificate

인증서



Major Customers

주요고객사





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