

COMPANY PROFILE

We Make Sparks _____



(주) 영해엔지니어링
Younghae Engineering Co., Ltd.

SPECIAL WELDING & METAL FABRICATION SERVICE

HISTORY

1982 :
Establish
Youngnam Industry
Co., Ltd.

2008 :
Marine Engine Part Manufacturing start
- Air & Gas Receiver
(Welding - Machining - painting - sound insulation equipment - thermal insulation equipment)

2014 :
Received the Presidential Award
for Korea Quality Certification
(Single PPM)

2013 :
Acquired ISO9001
& ISO14001

2011 :
Expand to Industrial Equipment Part
Manufacturing

2016 :
Development of low-noise enclosure for
engine-generator sets (stx-cummins)

2017 :
Start SCR & EGR Parts (Marine Engine) Mass Production
Export SoX Scrubber Tower (M'tl : SUS904)

2020 :
1.Start Damper Mass Production
2.Developed cryogenic angle ring, a part of LNG (lpg) tank (first in Korea)
- Delivery to domestic shipyard and Russian Arctic plant

2024 : Selection of Excellent
Partner (Hanwha Engine)

2023 : Entering the shipbuilding and industrial machinery (overseas export) business sector

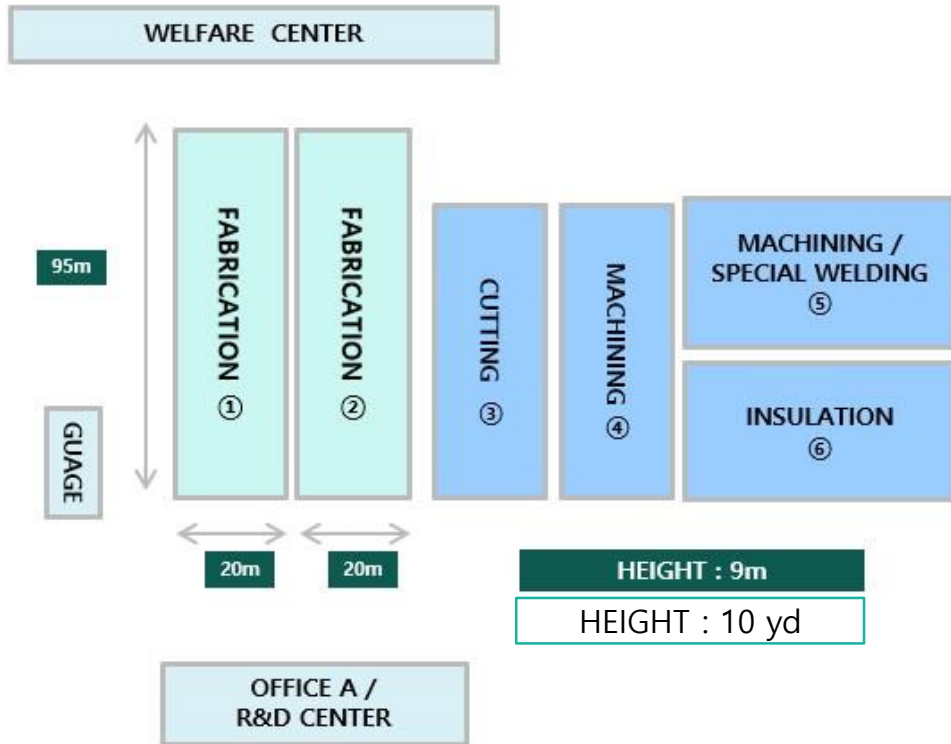
COMPANY OVERVIEW

Picture



Company Name	YOUNG HAE ENG'	YOUNGHAE-2 (KYUNGYONG)
Address	203-63 Hallim-ro#515 Hallim-myoen, Gimhae-si, Gyeongnam, S. Korea	57, Bonsan 2-ro, Jinyeong-eup, Gimhae-si, Gyeon gsangnam-do, Korea
Registration	615-81-61225	670-87-01492
Tel/Fax	055-345-0109 / 9841	055-345-6661 / 6662
Production	Welded Structure and Precision Machining	Laser Cutting (30 kw) Large Banding (4,000ton)
Land(m ²)	23,140	7,000
Crane	20~50 ton (6 Building)	10~20 ton (2 Building)
Employee	60	9

FACTORY LAYOUT



[CRANE STATUS] PLANT-1 (Marine Engine & Special Fabrication)

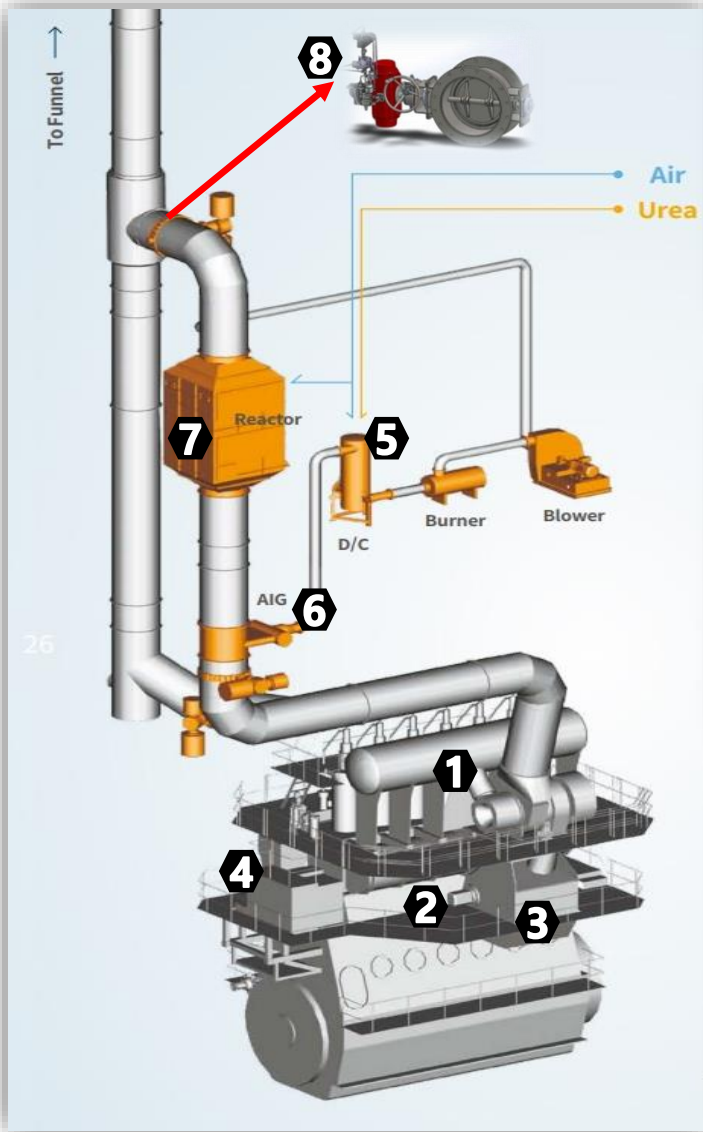
SHOP #	TON	QUANTITY	SHOP #	TON	QUANTITY
①	50	1	④	20	1
	10	2		10	1
	2.8	1		5	1
②	20	3		2.8	1
	5 / 2.8	1 / 1	⑤	20	1
③	10	2		10	1

● TOTAL QUANTITY: 17

● MAX WEIGHT: 50TON

110,000 lb

MAIN PRODUCT (MARINE 2-ST ENGINE : 10~90MW)



1. GAS RECEIVER



4. EGR COOLER



7. REACTOR



2. AIR RECEIVER



5. SCR-DECOMPOSITION



8. DAMPER



3. AIR COOLER



6. SCR-AIG UNIT



CERTIFICATES

Quality Management System

KQC IAF KAS

품질경영시스템 인증서

다음의 규격 및 범위에 적합함을 인증합니다.

• 기업명 및 주소 •
주식회사 영해엔지니어링
경상남도 김해시 관동면 함령로116길 201-43

• 인증 규격 •
KS Q ISO 9001:2009 / ISO 9001:2008

• 인증 범위 •
선박엔진부품, 조선기자재, 환경산업기계, 산업용 기계의 설계, 개발, 제조 및 부가서비스

인증번호 : 06C3102
유효기간 : 2018년 04월 30일 ~ 2019년 04월 29일
발급일자 : 2018년 05월 30일
최종갱신일자 : 2018년 05월 30일

한국국제규격인증원

Quality Management System

KQC IAF KAS

Certificate of Registration

This is to certify that the Quality Management System of

YEONG HAE ENG Co., Ltd.
#203-43, Hallim-ro 515-beon-gil, Hallim-myeon, Gimhae-si, Gyeongangnam-do, Korea

Has been found to conform to the Quality Management System Standard :

KS Q ISO 9001:2009 / ISO 9001:2008

This certificate is valid for the following product or service ranges:
Design, Development, Manufacture and Services of Marine Engine Parts, Shipbuilding Equipments, Environmental Industry Machine, Industrial Machine

Certificate No. : 06C3102
Valid Until Date : 29-May-2019
Certificate Issue Date : 30-May-2018
Original Certificate Date : 30-May-2018

KOREA INT'L STANDARDS CERTIFICATION

Authorized by *Dongsohn Won*
Tong Chee Shin, President

Environmental Management System

CERTIFICATE OF REGISTRATION

환경경영시스템

주식회사 영해엔지니어링
경상남도 김해시 관동면 함령로116길 201-43

설기 회사의 환경경영시스템이 아래의 표준 요구사항에 적합함을 인증함

• 인증 표준 •
KS I ISO 14001:2009 / ISO 14001:2004

• 인증 범위 •
선박엔진부품, 조선기자재, 환경산업기계, 산업용 기계의 설계, 개발, 제조 및 부가서비스

인증번호 : 06C3102
유효기간 : 2017년 04월 24일 ~ 2018년 04월 23일
발급일자 : 2017년 04월 24일
최종갱신일자 : 2017년 04월 24일

한국국제규격인증원

Environmental Management System

CERTIFICATE OF REGISTRATION

Environmental Management System

Younghae Engineering Co., Ltd.
#203-43, Hallim-ro 515-beon-gil, Hallim-myeon, Gimhae-si, Gyeongangnam-do, Korea

KIC hereby certifies that the management system of the above organisation conforms with the requirement of the following standard :

KS I ISO 14001:2009 / ISO 14001:2004

This certificate is valid for the following product or service ranges:
Design, Development, Manufacture and Services of Marine Engine Parts, Shipbuilding Equipments, Environmental Industrial Machinery, Industrial Machinery

Certificate No. : 06C3102
Valid Until Date : 14-September-2018
Certificate Issue Date : 24-April-2017
Original Certificate Date : 24-April-2017

KOREA INT'L STANDARDS CERTIFICATION

Authorized by *Dongsohn Won*
Tong Chee Shin, President

ISO 9001:2009 / ISO 9001:2008

ISO 14005 , ISO 14001:2009

The American Society of Mechanical Engineers

CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the certification mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:
Younghae Engineering Co., Ltd
#203-43, Hallim-ro - 515 beon-gil
Hallim - Myeon
Gimhae-si, Gyeongnam 621-874
Republic of Korea

SCOPE:
Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED: March 28, 2013
EXPIRES: March 28, 2016
CERTIFICATE NUMBER: 44,489

Byeong Ahn
Vice President, Conformity Assessment

Paul M. Walsh
Director, Conformity Assessment

The American Society of Mechanical Engineers

CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the certification mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:
Younghae Engineering Co., Ltd
#203-43, Hallim-ro - 515 beon-gil
Hallim - Myeon
Gimhae-si, Gyeongnam 621-874
Republic of Korea

SCOPE:
Fabrication and assembly of pressure piping at the above location and field sites controlled by the above location

AUTHORIZED: March 28, 2013
EXPIRES: March 28, 2016
CERTIFICATE NUMBER: 44,487

Byeong Ahn
Vice President, Conformity Assessment

Paul M. Walsh
Director, Conformity Assessment

The American Society of Mechanical Engineers

CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the certification mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:
Younghae Engineering Co., Ltd
#203-43, Hallim-ro - 515 beon-gil
Hallim - Myeon
Gimhae-si, Gyeongnam 621-874
Republic of Korea

SCOPE:
Manufacture and assembly of power boilers at the above location and field sites controlled by the above location.

AUTHORIZED: March 28, 2013
EXPIRES: March 28, 2016
CERTIFICATE NUMBER: 44,488

Byeong Ahn
Vice President, Conformity Assessment

Paul M. Walsh
Director, Conformity Assessment

THE NATIONAL BOARD OF BOILER & PRESSURE VESSEL INSPECTORS

Certificate of Authorization

This is to certify that
YOUNGHAEE ENGINEERING CO., LTD
#203-43, HALLIM-RO - 515 BEON-GIL
HALLIM - MYEON
GIMHAE-SI, GYEONGNAM, 621-874
SOUTH KOREA

Is authorized to apply the "NB" mark and register boilers, pressure vessels, or other pressure retaining items with the National Board in accordance with its provisions.
The scope of Authorization is limited to items manufactured in accordance with:

ASME Designator(s): PP S U

ISSUE DATE: November 19, 2013
EXPIRATION DATE: March 28, 2016

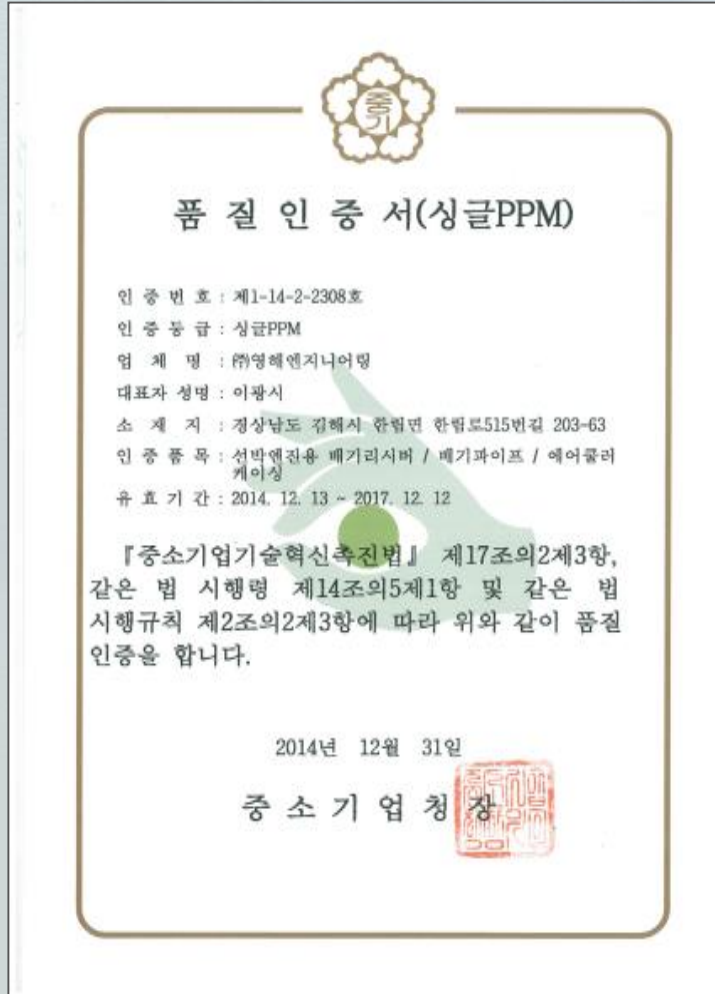
Executive Director *Paul M. Walsh*

ASME – U, S, PP STAMP (Pending)

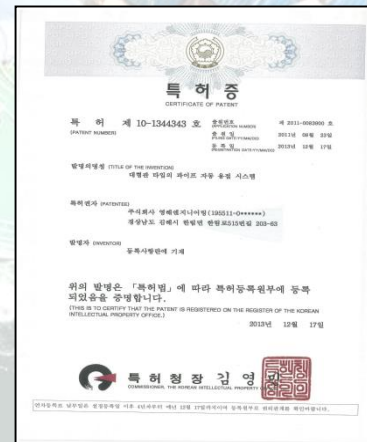
The National Board of Boiler & Pressure Vessel Inspections

CERTIFICATES

■ Certificate and patent certificate



Single PPM



Patent #10-1288897
 "Grid Wire Mesh Wave Molder"

Patent #10-1344343
 "Automatic Welding System for Large-Size Pipe"



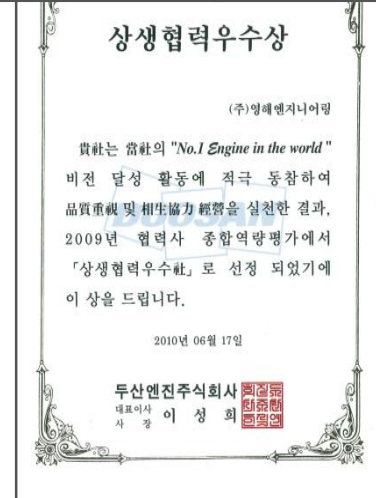
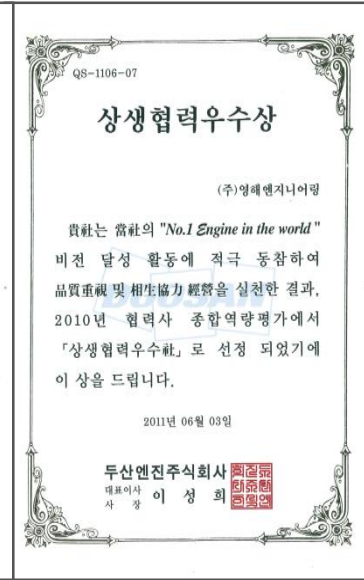
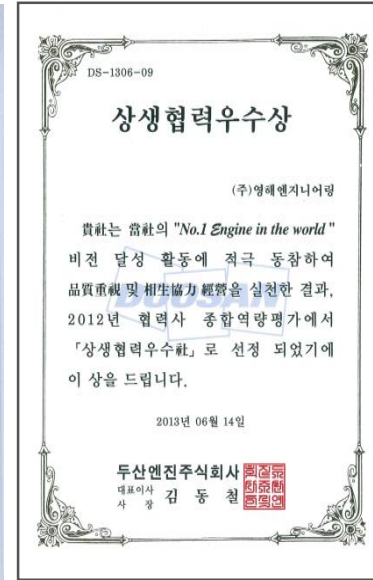
AWARDS (PRESIDENT'S AWARD)



Excellent Manufacturing Quality Awards by President of the Republic of Korea



Excellent Management Awards by Korea Ministry of Knowledge Economy

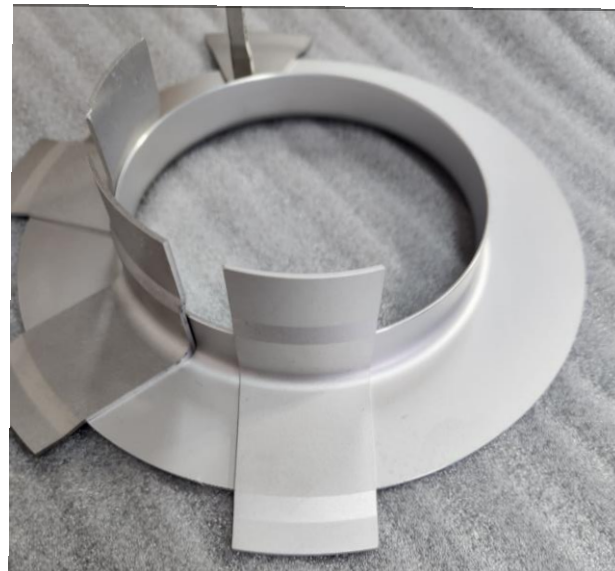
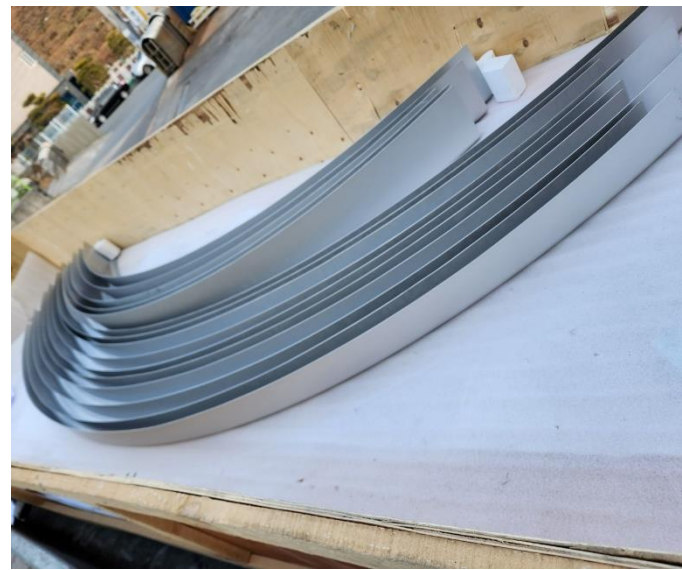


The Best Win-Win Partnership Awards by Doosan Engine



PRODUCT

[SHIPBUILDING-ANGLE BAR for LNG Tank]



PRODUCT

[MARINE ENGINE PART]



- ▶ NAME : Gas Exhaust Pipe
- ▶ MATERIAL : SS400 / SB450MN / SM400B
- ▶ WELDING TYPE : FCAW



- ▶ NAME : Gas Exhaust Pipe
- ▶ MATERIAL : SS400 / SB450MN / SM400B
- ▶ WELDING TYPE : FCAW



- ▶ NAME : Air Receiver
- ▶ MATERIAL : SS400
- ▶ WELDING TYPE : FCAW



- ▶ NAME : Air Receiver
- ▶ MATERIAL : SS400
- ▶ WELDING TYPE : FCAW



- ▶ NAME : Air Cooler Casing
- ▶ MATERIAL : SS400
- ▶ WELDING TYPE : FCAW



- ▶ NAME : Reactor
- ▶ MATERIAL : SS400+SM400B
- ▶ WELDING TYPE : FCAW

PRODUCT (SUS STRUCTURE)

[MARINE ENGINE PART]



- ▶ NAME : SCR Decomposition
- ▶ MATERIAL : SUS316 + SUS 304
- ▶ WELDING TYPE : FCAW + GTAW



- ▶ NAME : SCR Mixer Unit
- ▶ MATERIAL : SUS316 + SUS 304
- ▶ WELDING TYPE : FCAW + GTAW



- ▶ NAME : SCR AIG Unit
- ▶ MATERIAL : SUS316 + SUS 304
- ▶ WELDING TYPE : FCAW + GTAW



- ▶ NAME : EGR Structure
- ▶ MATERIAL : SUS 904L + DUPLEX + SUS316L
- ▶ WELDING TYPE : FCAW + GTAW



- ▶ NAME : Scrubber Tower
- ▶ MATERIAL : EN 1.4547 - 254SMO (6MO)
- ▶ WELDING TYPE : GTAW + GMAW

PRODUCT

[OTHER PJT]



- ▶ NAME : Fuel Oil Tank
- ▶ MATERIAL : SS400
- ▶ WELDING TYPE : FCAW



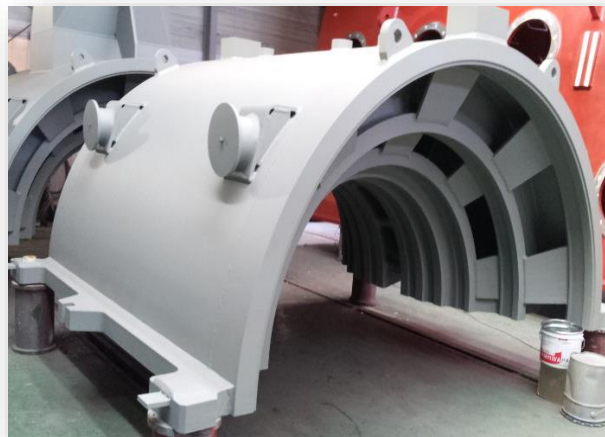
- ▶ NAME : Pecs Duct
- ▶ MATERIAL : SS400
- ▶ WELDING TYPE : FCAW



- ▶ NAME : Bonnet for gen-set
- ▶ MATERIAL : A36 (SS400)
- ▶ REMARK : Soundproof Enclosure



- ▶ NAME : LP-CASING UPPER
- ▶ MATERIAL : SM400A
- ▶ WELDING TYPE : FCAW
- ▶ REMARK : Power-Plant Part



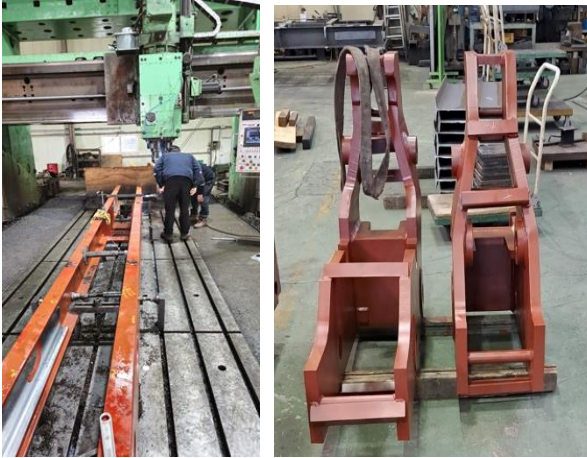
- ▶ NAME : INNER-CASING UPPER
- ▶ MATERIAL : SM400A
- ▶ WELDING TYPE : FCAW
- ▶ REMARK : Power-Plant Part



- ▶ NAME : LP-CASING LOWER
- ▶ MATERIAL : SM400A
- ▶ WELDING TYPE : FCAW
- ▶ REMARK : Power-Plant Part

PRODUCT

[OTHER PJT]



- ▶ NAME : 6D Guide Rail Car (Japan YOSHI)
- ▶ MATERIAL : SS400
- ▶ WELDING TYPE : FCAW & PM Machining



- ▶ NAME : Roller Table (Assembly)
- ▶ REMARK : HHI + SIEMENS Allegheny PJT



- ▶ NAME : Cooling tubes
- ▶ MATERIAL : SUS310S
- ▶ WELDING TYPE : GTAW
- ▶ REMARK : Primetals



- ▶ NAME : Storage Tank (Site Installation)
- ▶ MATERIAL : SS400
- ▶ WELDING TYPE : FCAW
- ▶ REMAKR : Power-Plant Part



- ▶ NAME : DAMPER
- ▶ MATERIAL : SM275B + SS400
- ▶ WELDING TYPE : FCAW



- ▶ NAME : Bonnet (POWER PACKAGE)
- ▶ MATERIAL : SS400
- ▶ Cummins E/G & HHI Generator :: SET

MAIN PERFORMANCE

~ Present

A
↓
Z

CLIENT	YEAR	PROJECT NAME
ACE V	2017 ~	VALVE SPECIAL WELDING (Stellite Overlay)
BERNARD CONTROLS	2014 ~ 2016	ELECTRIC VALVE ACTUATOR ASSEMBLY
	2008 ~	EXHAUST PIPE & AIR RECEIVER & AIR COOLER CASING
DOOSAN ENGINE	2016 ~	SCR SYSTEM AIG & DECOMPOSITION UNIT
	2016 ~	EGR SYSTEM COOLER CASING & GAS PIPE
	2009	SINGORI #4-FRONT STANDARD PARTS / ULJIN #1 & 2-RETROFIT & MSR PARTS
DOOSAN HEAVY INDUSTRY	2009	BORYEONG #6-LP CASING OF LARGE PERFORMANCE ENHANCEMENT
	2009	YANBU 2 (Thermoelectric Power Plant) - LP CASING
	2009	HANNAM CHP (Combined Heat & Power Plant) - LP CASING
DSME	2014 ~	SUBMARINE PIPE SPECIAL WELDING
	2014 ~	PORTABLE TANK
DONGSUNG FINETECH (ANSUNG)	2022 ~	ANGLE RING (BAR) for LNG Ship
FMC TECHNOLOGIES	2014~	LNG PIPE SPECIAL WELDING (Inconel Overlay)
	2012	SIEMENS ALLEGHENY HOT STRIP MILL PROJECT - ROLLER TABLE
HYUNDAI HEAVY INDUSTRY	2012	1000TON PRESS MB CARRIER
	2013	BRAZIL CSP 320TON TORPEDO LADLE CAR

MAIN PERFORMANCE

~ Present

A
↓
Z

CLIENT	YEAR	PROJECT NAME
HYOSUNG P&I	2017~	TRANSFORMER TANK
MITSUBISHI HEAVY INDUSTRIES	2015 ~	EXHAUST PIPE & AIR TRUNK & AIR DUCT (Marine Low-Speed Engine)
	2016 ~	TK-SEAL TANK (Industrial Equipment)
LHE	2014 ~	PLATE HEAT EXCHANGER FRAME
POSCO E&C	2012	MEXICO NO.2 - CGL STEEL STRUCTURE
	2012	4 th WIRED ROD REHEATING FURNACE PROJECT - WATER COOL BEAM
	2012	POSCO INDIA - STRUCTURE OF CGL BUNG
	2013	GWANGYANG REMODELING BELT CONVEYOR
HANWHA(SAMSUNG) TECHWIN	2010	SKID ASS'Y (SG-G425-2)
	2010	SM 8000 GEAR BOX ASS'Y, OIL TANK ASS'Y, SM 8000, ETC.
	2010	DRESSER-RAND SUS 316L - AIR INTAKE SCREEN, OTHER PARTS
	2010 ~	BASE FRAME & OIL TANK & FRAME STEEL ASS'Y
STX HEAVY INDUSTRY	2010 ~ 2014	EXHAUST PIPE & AIR RECEIVER (Marine Low-Speed Engine)
	2014 ~ 2016	BOOKPYUNG THERMAL POWER PLANT - OVERHEAD TANK (TYPE 4-7)
SUNG DONG SME	2014 ~ 2016	HATCH COAMING

MAIN CLIENT

■ Domestic Client

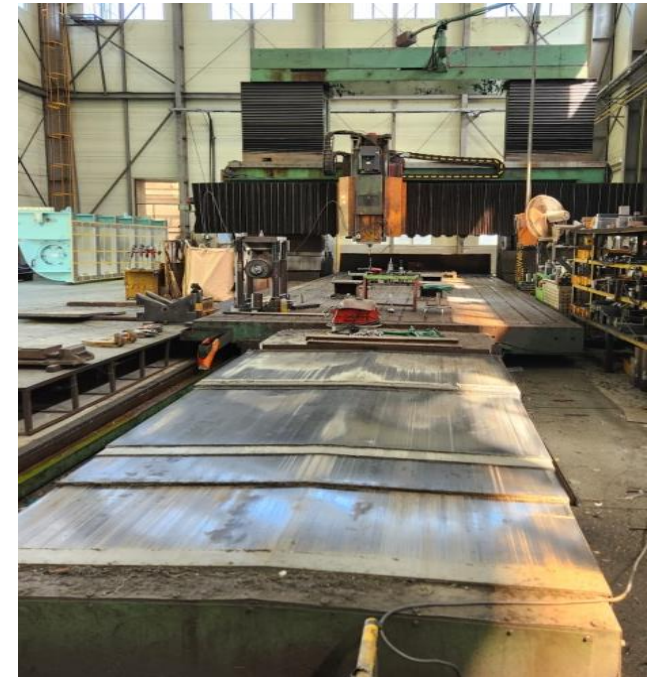


■ International Client







EQUIPMENT

NAME	SIZE	BRAND	Q'TY
CNC Floor Boring m/c	X-16,000 ,Y-5,000	Mitsubishi	1
	X-12,000,Y-2,750	Ikegai	1
Floor Boring	X-3,500,Y-2,000	Ikegai	1
CNC Table Boring m/c	X-4,000,Y-2,000	Hyundai Wia	1
Machining Center	Unit 7	Hwacheon	1
PLANO MILLER	X-10,000,Y-3,850	Ingasol	1

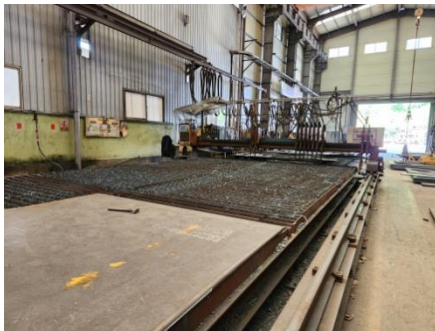


EQUIPMENT

NAME	SIZE	BRAND	PHOTO	
Lathe horizontal	850 X 3000	Daewoo		
	580 X 1500	Hwacheon		
	400 X 1000	Namsan		
Radial Drilling M/C	1500 & 1100	Doosan		
Milling M/C	2000 (#7)	Nambuk		

EQUIPMENT

NAME	SIZE	BRAND	QUANTITY
CNC Cutting Machine	SBG-520	Saeshin	1
Plasma Bevel Cutting	500A	Mesha	1
CO2 Welding Machine	600mA	Daehan	110
Gouging	1000A	Daehan	8
TIG Welding Machine	INVERTER	Daehan	2
Plasma Cutting Machine	INVERTER	Daehan	2
Robot welding Machine	3-Pallet	Doshiba	1



EQUIPMENT

NAME	SIZE	BRAND	QUANTITY
FIBER Laser cutting M/C	12kw x 30,000	TANAKA	1
Press brake bending M/C	4,000Ton x 25 x 20,000 I	Seokwang	1
Press brake bending M/C	1,000 Ton x 15 x 10,000I	Seokwang	2
FIBER Laser cutting M/C (level cutting)	30kw & 60KW x 40,000 The largest capacity in Korea	china	2



**Let's create
values
together**



Corporate Video: <http://youtu.be/sZBjkWiQ6gk>