



# COMPANY PROFILE

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COMPANY PROFILE

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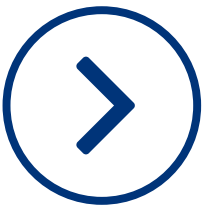
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# 회사소개



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# 1.1 인사말



## “근면, 혁신, 신뢰”

세영ENG (주)는 2000년 설립 이후 조선 배관 업계의 선두주자로 최고의 품질을 자랑하고자 끊임없이 노력하고 있습니다.

저희 회사는 최고 품질 수준의 책임을 다하기 위하여 주요 선급협회 (ABS, LR, GL, BV, RINA, RS, KR) 및 품질 안전 환경 관련 인증 (ISO 9001, ISO 45001)을 취득하여 고객 만족에 만전을 기하고 있습니다.

또한 저희 회사는 지금까지 배관제작 경력을 바탕으로 독자적인 특허 기술로 개발한 PIPE CUTTING M/C, FLANGE MARKING M/C, PIPE ROTATOR 및 CNC PIPE BENDING M/C를 이용하여 보다 나은 작업환경을 만들고자 장비사업 발전에도 노력하고 있습니다.

앞으로도 저희 회사는 품질 고급화 의 품질 방침과 함께 항상 겸허한 자세로 고객 여러분께 최고의 만족을 드릴 수 있도록 더 열심히 노력하겠습니다.

대표이사 강신환



## 1.2 경영 이념 / 품질 방침

고객을 중심으로 세상을 바라보고,  
가치를 실현합니다.

**인재**

(투자, 안전, 교육)

**제품**

(가격, 품질, 납기)

**신뢰**

(존중, 친절)

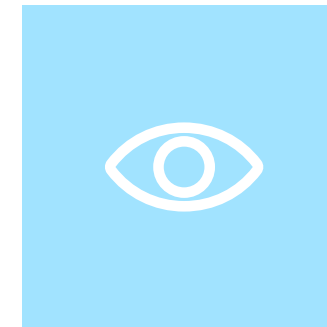
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## 1.2 경영 이념 / 품질 방침



### 01. 불량 제로화

업계 최고의 품질 수준 달성 유지를 위한 목표를 가지고 불량 제로화를 위해 노력합니다.



### 02. 품질 전문성 강화

고객의 만족은 최고의 품질에서 시작된다는 생각으로 전문화를 위한 품질 교육을 진행하고 있습니다.



### 03. 자주검사 활성화

지속적 개선 및 전사적 참여를 통한 검사 활성화로 높은 품질을 유지 합니다.



### 04. 소통의 글로벌화

전 세계 각국으로부터의 품질검사를 위한 공통적인 언어의 장벽을 뛰어넘기 위한 소통의 질을 높이고 있습니다.



# 1.3 회사 개요

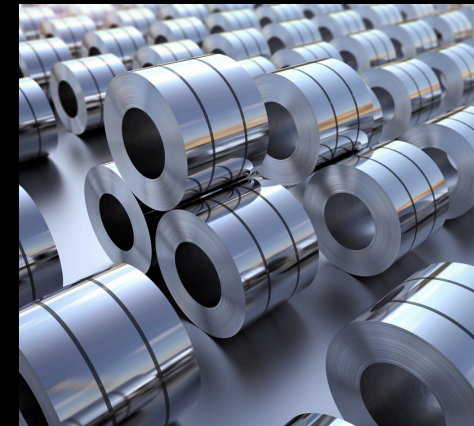
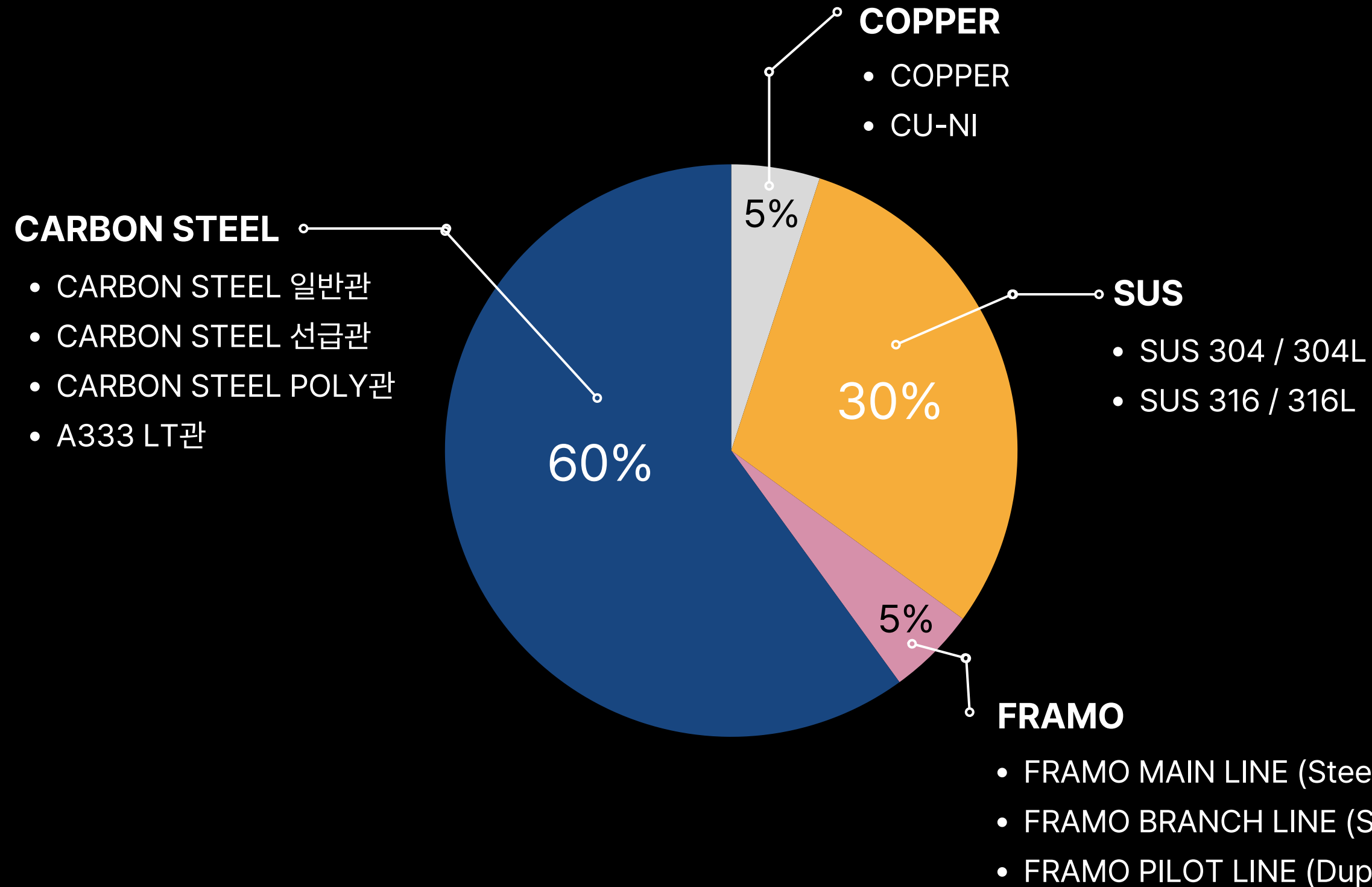
## About Our Company

회사 정보	<b>상호</b> 세영ENG 주식회사 <b>설립일</b> 2000년 10월 15일 <b>사업자등록번호</b> 505-81-27110 <b>업태</b> 제조, 무역
	<b>주요 품목</b> CARBON STEEL PIPE 제작 / STAINLESS & COPPER PIPE & FRAMO PIPE 제작 HYDRO TEST FOR CERTED PIPE
	<b>본사</b> 경상북도 경주시 외동읍 냉천공단길 56-17 / TEL (054)776-4414 / FAX (054)776-4415 E-MAIL : sye4414@hanmail.net / URL : www.seyoungeng.com
	<b>지사</b> 울산공장 : 울산광역시 울주군 범서읍 왕걸길 6-26 석계공장 : 경상북도 경주시 외동읍 석계산업단지길 22
	<b>해외 법인</b> Lot CN13, Ninh Thuy Industrial Zone, Ninh Thuy Ward, Ninh Hoa Town, Khanh Hoa Province, Vietnam <b>URL</b> www.seyoungvina.com



# 1.3 회사 개요

취급 제품 : 월 25,000 ~ 30,000PC'S



## 1.3 회사 개요



### 회사 규모

규모 현황	본사 관리	1개 사무실
	SPOOL 제작	7개 공장
	BENDING 가공	1개 공장
	기계 가공 절단	2개 공장
	검사장 (HYDRO & VISUAL TEST)	2개 공장
	RT 검사	5개 ROOM
	물류장	5개 야적장
경주 공장	SITE AREA FACTORY AREA	40,000㎡ 16,500㎡ (신축공장 1,500㎡)
울산 공장	SITE AREA FACTORY AREA	11,000㎡ 2,500㎡
석계 공장	SITE AREA FACTORY AREA	11,000㎡ 2,500㎡

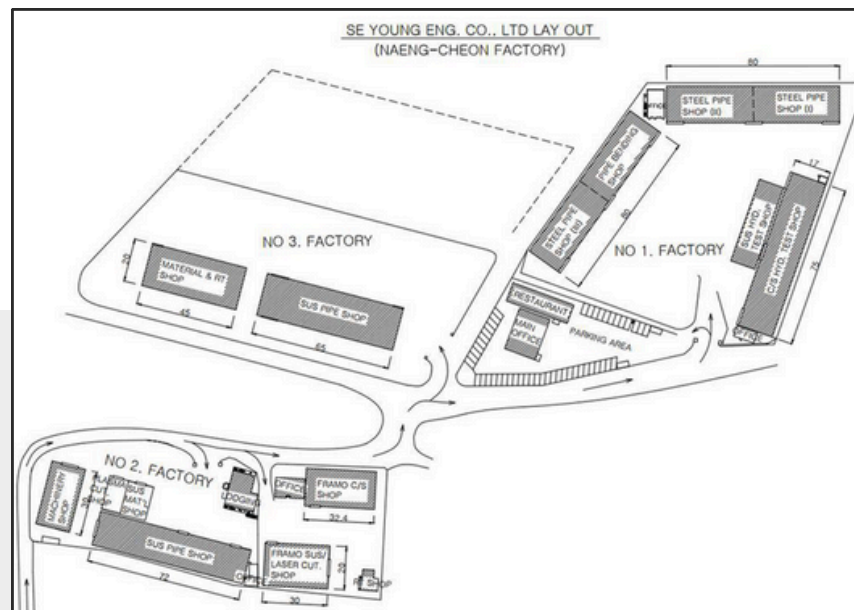
### 주요 거래처



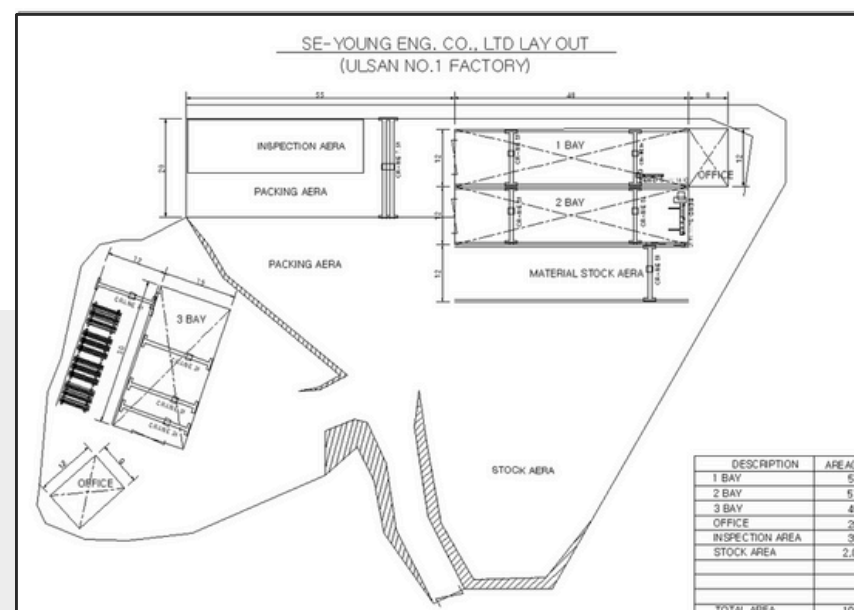
## 1.3 회사 개요



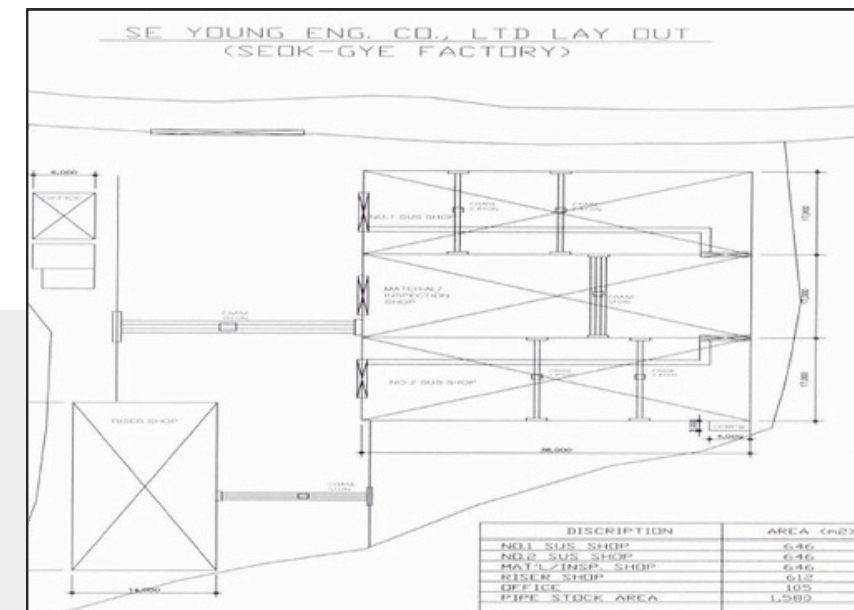
### 냉천공장(경주본사)



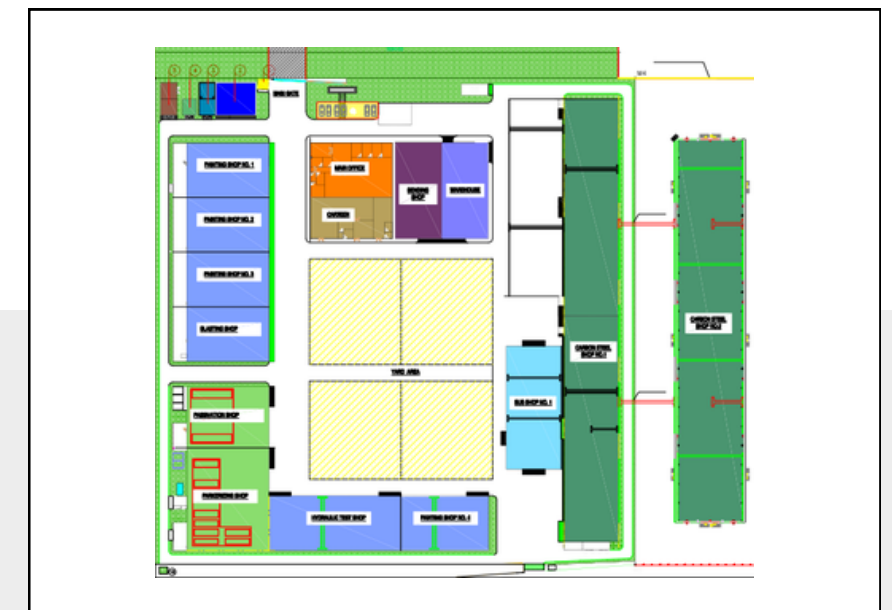
### 울산공장



### 석계공장(경주지사)



### 베트남 법인 공장(세영비나)





# 1.4 해외 법인

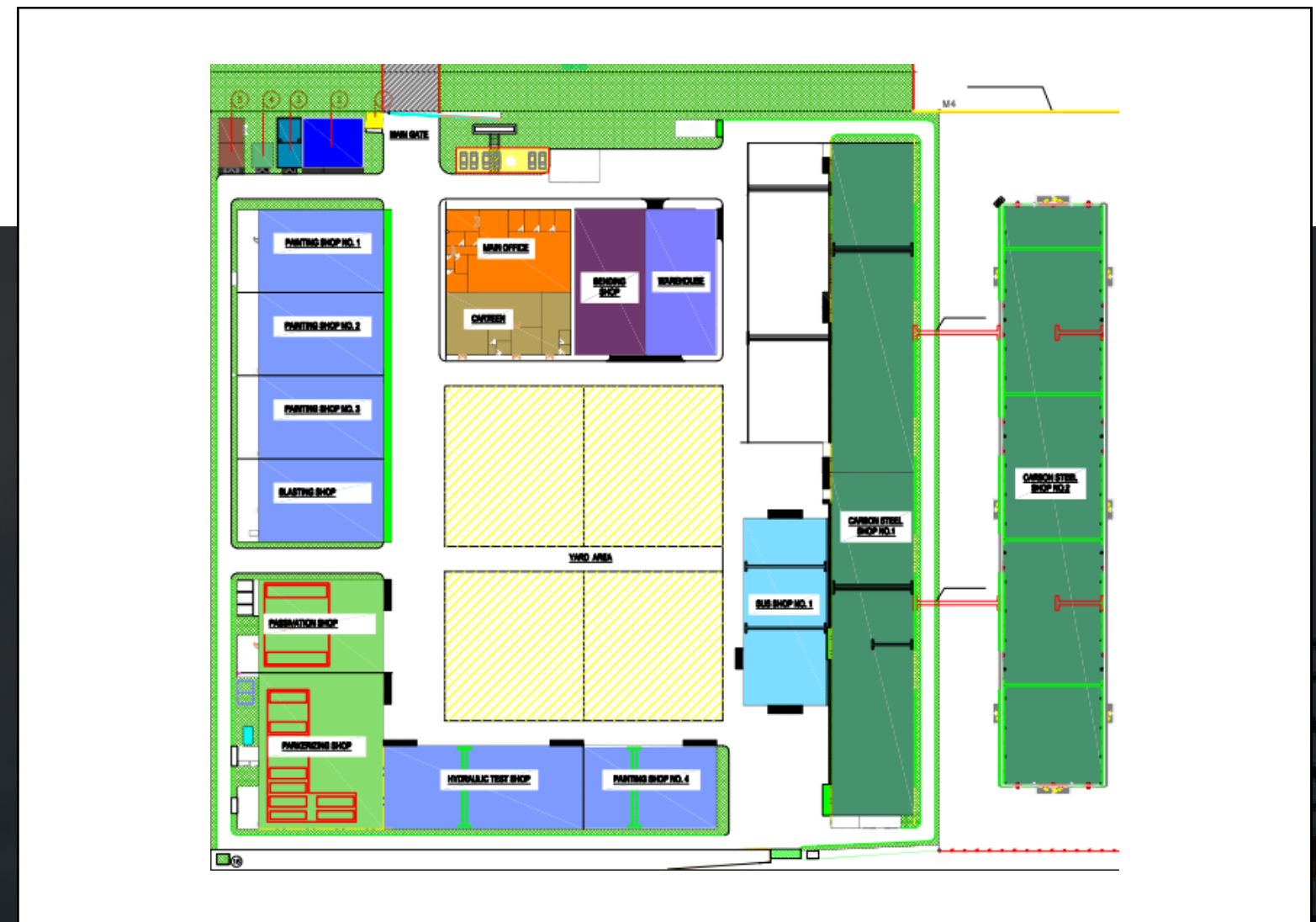
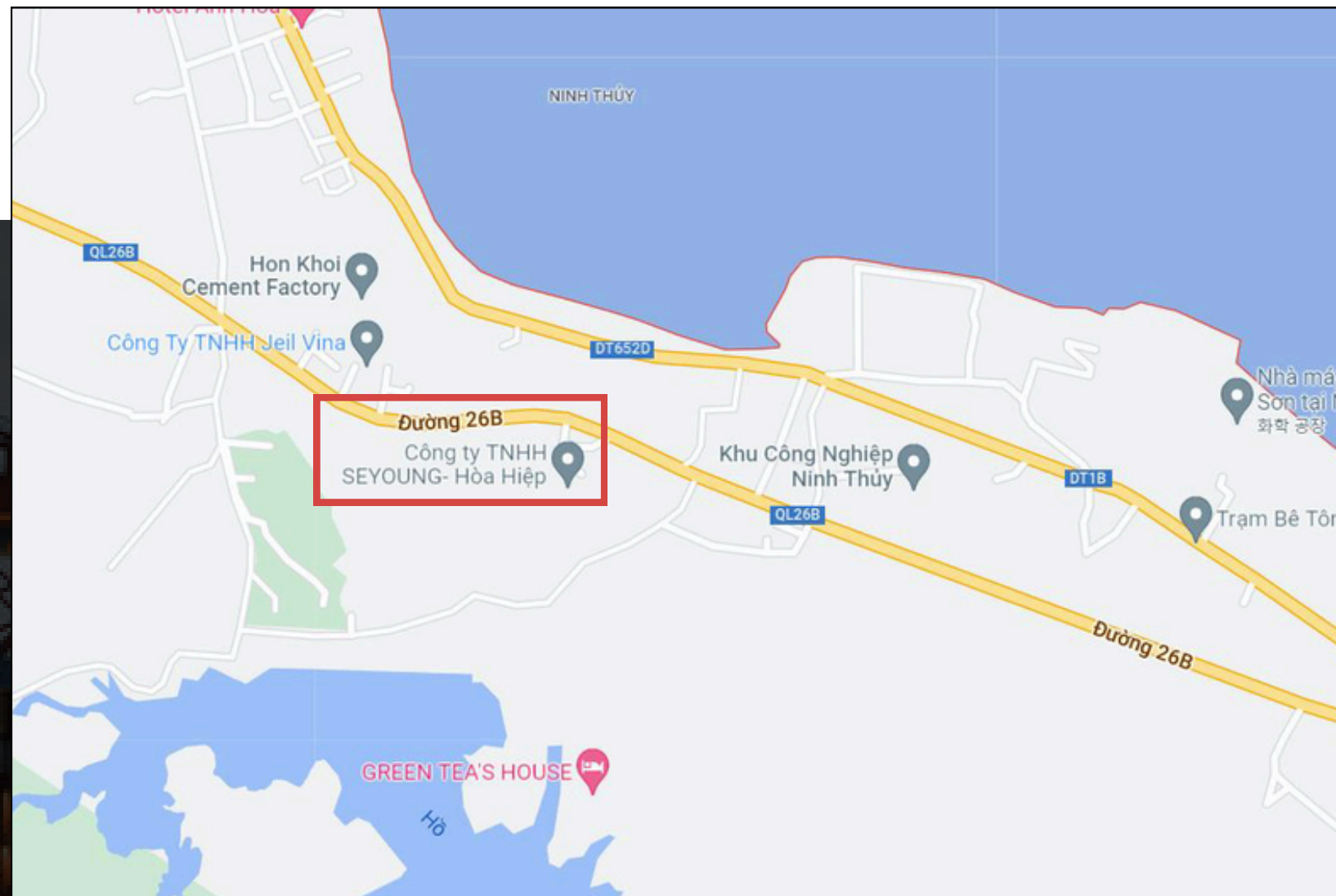
## About Our Company

회사 정보	<div>상호</div> SEYOUNG VINA (세영비나)	<div>설립일</div> 2017년 10월	<div>업태</div> 제조, 무역
	<div>주요 품목</div>	Carbon Steel, Copper, Sus Pipe Spool 외 제작, 후처리, 페인팅	
	<div>주요 고객사</div>	현대 베트남 조선소 (HYUNDAI VIETNAM SHIPBUILDING CO., LTD)	
	<div>규모</div>	공장용지 36,000m <sup>2</sup> / 공장건물 15,000m <sup>2</sup>	
	<div>공장 위치</div>	Lot CN13, Ninh Thuy Industrial Zone, Ninh Thuy Ward, Ninh Hoa Town, Khanh Hoa Province, Vietnam	
		<div>URL</div>	www.seyoungvina.com



## 1.4 해외 법인

### 공장 위치 및 배치도



## 1.4 해외 법인

### 공장 전경



# 1.5 회사 연혁



1990

- 경진기업 설립
- 청구조선소 1차 협력업체 등록

2000

- 세영ENG (주)설립
- (주)현대미포조선 협력업체 등록
- (주)현대미포조선 우수 협력업체 선정
- ISO 9001 취득
- 노르웨이(DNV), 영국(LR), 독일(GL), 프랑스(BV), 미국(ABS), 이탈리아(RINA), 한국(KR)" WPS 승인

2006

- (주)현대미포조선 우수 협력업체 선정
- 베트남 비나신 조선소 수출 진행
- 미국 필라델피아 조선소 수출 진행
- 중국 청도 조선소 수출 진행
- 수출의 탑 수상(500만불 달성)

2011

- 코스터기특허 등록(PCM A800)
- 마킹기 특허 등록
- (주)현대중공업 협력업체 등록
- (주)대우조선해양 협력업체 등록
- (주)현대미포조선 우수 협력업체 선정
- (주)현대중공업 우수 협력업체 선정
- (주)현대미포조선 동반성장 우수 협력업체 선정
- ISO 14001 환경시스템 인증
- OHSAS 18001 안전보건시스템 인증

2017

- 베트남 낫짱 공장 준공(SEYOUNG VINA)
- (주)현대중공업 장비 협력업체 등록 (Flange MARKING M/C 3대)
- (주)현대미포조선 우수 협력업체 선정
- 코스터기 출시(PCM A1500)
- 수중 플라즈마 출시(SPCM A1000)
- 코스터기 베트남 수출(PCM A800)
- 로테이터 베트남 수출(PR 1000, PR 800)

2021

- (주)현대미포조선 품질우수 협력업체
- (주)현대미포조선 혁신우수 협력업체
- "러시아(RS)" WPS 승인

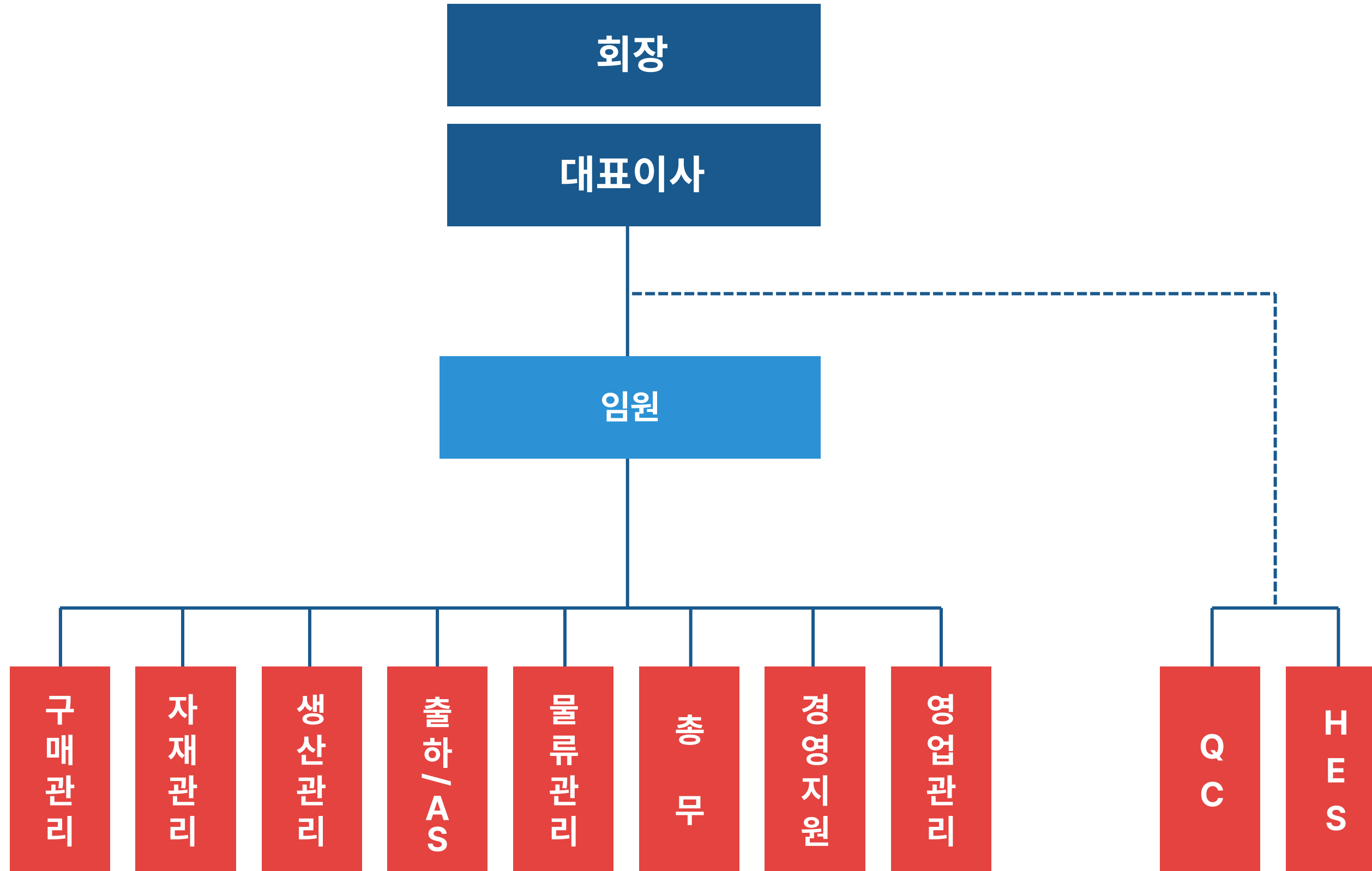
2024

- 현대베트남조선소 우수협력업체 선정
- 칸호아성 우수 외국인 협력업체 수상
- 비철 제작 공장 증축
- HD현대미포(주) 우수협력업체 선정
- 본사 수압 검사장 증축
- 본사 제작공장 신축
- 본사 밴딩 가공공장 신축
- 조선배관 전용 CNC 밴딩장비 개발

2025

- 현대필리핀 수빅 조선소 계약 및 수출

## 1.6 조직도





세영ENG 주식회사의 CI(Corporate Identity)는 선박 배관 산업의 핵심 기술력을 상징하며, 정밀함과 신뢰를 기반으로 한 기업 이미지를 시각적으로 표현하고 있습니다.

#### [ 로고심볼 ]

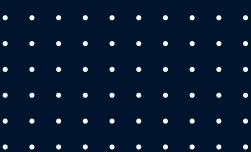
붉은색 심볼은 유체가 흐르는 파이프라인을 형상화한 디자인으로, 세영ENG가 제조하는 선박용 배관 시스템의 역동성과 유연함을 나타냅니다.  
강렬한 붉은색은 기술에 대한 열정과 에너지, 그리고 안전과 품질에 대한 확고한 의지를 상징합니다.

#### [ 로고타입 ]

로고 우측의 '세영ENG주식회사'는 정갈하고 견고한 고딕체로 표현되어 기업의 전문성과 신뢰성을 강조합니다. 청색 계열의 색상은 바다와 조선 산업을 연상시키며, 끊임없이 확장되는 해양 산업 속에서의 도전과 성장을 상징합니다.

#### [ 영문 로고타입 - SEYOUNG ENG. CO., LTD ]

하단의 영문 표기는 글로벌 시장을 향한 세영ENG의 비전과 국제적 경쟁력을 표현합니다. 레드 컬러는 브랜드의 일관성을 유지하면서도 강한 인상을 남깁니다.



## 1.8 주요 거래선 실적



YEAR		2018				2019			
D O M E S T I C	HMD	SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
		PENINSULA	CT	17K	2	TIME SHIPPING	CT	50K	1
		페트로플러스로지스틱스	MSC	4.4K	1	KOTC	CT	48K	4
		MARINVEST	CT	49K	2	TOHMEI SHIPPING	CT	50K	4
		FELIX	CT	50K	6	SOLAR 1	CT	25K	6
		MINY	CT	49K	2	CENTRAL MARE	CT	50K	7
		HYPROC	CT	40K	1	OCEAN SUNRISE	CT	50K	4
		NIOVIS	CT	50K	1	MKC	CT	50K	4
		RVER	CT	50K	8	SUN ENTERPRISES	CT	50K	3
		SK	CT	50K	1	TRANSPETROL	CT	50K	2
		OSG	CT	50K	2	PAN OCEAN	CONT	1800TEU	2
		MITSUI	CONT	1800TEU	12	SINOKOR	CONT	1800TEU	4
		ITOCHU	CONT	1800TEU	2	고려해운	CONT	2500TEU	5
		XT SHIPPING	CONT	1800TEU	8	KNUTSEN	LNG	30K	1
		CENTRAL MARE	CT	50K	2	TEMILE	LPG	23K	2
		MOL	CT	50K	1	SEA WORLD	FERRY	170M	8
		CHIO11S NAVIGATION	CT	50K	1				
		EMM	CT	50K	3				
		EASTERN PACIFIC	LPG	38K	2				
O V E R S E A	HMD	STEALTH	CT	50K	3	BAHRI	CT	50K	4
		HISAMOTO	CT	50K	1	MASUMOTO	CT	50K	2
		DSD	CT	61K	7	FUKUJIN KISEN	CT	50K	3
						MUSUMOTO	CT	39K	1
		TOTAL			68	TOTAL			67

## 1.8 주요 거래선 실적



YEAR		2020				2021			
		SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
D O M E S T I C	HMD	PENINSULA	CT	17K	1	SOLAR	CT	25K	4
		KOTC		48K	4	SUN ENTERPRISES	CT	50K	1
		TOHMEI SHIPPING	CT	25K	4	TRANSPETROL	CT	50K	1
		SOLAR	CT	25K	10	YASA	CT	50K	2
		CENTAL MARE	CT	50K	7	CENTAL MARE	CT	50K	3
		OCEAN SUNRISE	CT	50K	4	MARINVEST	CT	50K	8
		MKC	CT	50K	4	FUYO KAIUN	CT	50K	2
		SUN ENTERPRISES	CT	50K	3	MOL	CT	37K	1
		TRANSPETROL	CT	50K	2	NEW HORIZON	CT	50K	6
		YASA	CT	50K	2	NCC	CT	55K	10
		BLUE WAKE SHIPPING	CT	50K	2	BLUE WAKE SHIPPING	CT	50K	1
		MARINVEST	CT	50K	8	PROMISSUM	CT	50K	8
		FUYO KAIUN	CT	50K	2	ANDROMEDA	CT	50K	2
		MOL	CT	37K	1	E4C SHIPPING	CT	50K	6
		NEW HORIZON	CT	50K	6	BYZANTINE	CT	50K	1
		PROMISSUM	CT	50K	2	BENELUX	CT	50K	2
		ANDROMEDA	CT	50K	1	NISSHIN	CT	50K	2
		E4C SHIPPING	CT	50K	3	PENINSULA	CT	17K	1
		BENELUX	CT	50K	2	SOCATRA	CT	50K	4
		NISSHIN	CT	50K	2	EVERGREEN	CONT	1800TEU	4
		SINOKOR	CONT	1800TEU	4	천경해운	CONT	1800TEU	1
		XT SHIPPING	CONT	1800TEU	5	범주해운	CONT	1800TEU	1
		MITSUMI	CONT	1800TEU	2	동진상선	CONT	1600TEU	3
		고려해운	CONT	2500TEU	5	GREAT WALL	CONT	1800TEU	12

## 1.8 주요 거래선 실적



YEAR		2020				2021			
		SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
D O M E S T I C	HMD	EVERGREEN	CONT	1800TEU	4	KNUTSEN	LNG	30K	1
		TIME SHIPPING	CT	50K	1	CLDN	RORO	20K	2
		KNUTSEN	LNG	30K	1	NIETO	LPG	38K	1
		CLDN	RORO	20K	2	THENAMARIS	LPG	38K	4
		TEMILE	LPG	23K	1	BYZANTINE	LPG	38K	1
		SEAWORLD	FERRY	170M	1	대한해운	LNG	18K	2
		NIETO	LPG	38K	1	HYDEX	FERRY	170M	1
		THENAMARIS	LPG	38K	4	EASTERN PACIFIC	LPG	40K	4
		BYZANTINE	LPG	38K	1	UIPA	FERRY	89M	1
		대한해운	LNG	18K	1	STEAM PACKET	FERRY	133M	1
		HYDEX	FERRY	170M	1	SAHARA	LPG	23K	2
						BYZANTINE	LPG	40K	2
						TRAFIGURA	LPG	40K	4
						EVALEND	LPG	40K	4
						UNION MARITIME	LPG	40K	1
						BRAVE MARTITIME	LPG	40K	5
O V E R S E A	HMD	ZVEZDA	CT	50K	3	ZVEZDA	CT	50K	3
		BAHRI	HBC	81K	4	PHOENIX	HCT	50K	1
		MASUMOTO	CT	50K	2	SUMITOMO	HCT	50K	2
		DSD	CT	50K	2	FIREWORK	HCT	50K	2
		FUKUJIN KISEN	CT	50K	3	SUPER ECO	HCT	40K	2
		MASUMOTO	HCT	50K	1	THENAMARIS	HCT	50K	4
		HISAMOTO	HCT	50K	2	STX 마린서비스	HCT	50K	2
		PHOENIX	HCT	50K	1	ATLANTIC	HBC	61K	2
		PAN OCEAN	HCT	50K	4				
		ATLANTIC	HBC	61K	2				
		TOTAL			128	TOTAL			140

## 1.8 주요 거래선 실적



YEAR		2022				2023			
		SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
D O M E S T I C	HMD	NYK	CT	50K	2	PROMISSUM	CT	50K	1
		TOHMEI SHIPPING	CT	50K	2	NCC	CT	55K	1
		KSS	CT	50K	1	PENINSULA	CT	17K	1
		MOL	CT	50K	1	GREAT WALL	CONT	1800TEU	6
		NCC	CT	55K	9	MAERSK	CONT	2100TEU	1
		H4 SHIPPING	CT	50K	4	TSAKOS	CONT	2800TEU	2
		BYZANTINE	CT	50K	1	CCC	CONT	1800TEU	6
		PROMISSUM	CT	50K	5	EUROSEAS	CONT	2800TEU	2
		PENINSULA	CT	17K	1	남성해운	CONT	2500TEU	2
		SOCATRA	CT	50K	2	GARNET	CONT	2500TEU	3
		EMM	CT	50K	2	CEDAR	CONT	1000TEU	1
		ANDROMEDA	CT	50K	1	EPS	CONT	1800TEU	1
		천경해운	CONT	1800TEU	1	PAN OCEAN	LNG	18K	1
		범주해운	CONT	1800TEU	1	대한해운	LNG	18K	1
		동진상선	CONT	1600TEU	1	STEAM PACKET	FERRY	133M	1
		남성해운	CONT	1600TEU	1	BYZANTINE	LPG	40K	2
		동영해운	CONT	1600TEU	1	TRAFIGURA	LPG	40K	3
		GREAT WALL	CONT	1800TEU	6	EVALEND	LPG	40K	3
		CLDN	RORO	20K	1	UNION MARITIME	LPG	40K	1
		THENAMARIS	LPG	38K	2	BRAVE MARITIME	LPG	40K	2
		대한해운	LNG	18K	1	GEOGAS	LPG	40K	1
		EASTERN PACKFIC	LPG	40K	4	BENELUX	LPG	40K	2
		UIPA	FERRY	89M	1	GRIMALDI	CONRO	45.7K	3
		SAHARA	LPG	23K	2	PASCOGAS	LPG	40K	2

## 1.8 주요 거래선 실적



YEAR		2022				2023			
		SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
D O M E S T I C	HMD	TRAFIGURA	LPG	40K	1	SCALE	LNG	12.5K	1
		EVALEND	LPG	40K	1				
O V E R S E A	HVS	THENAMARIS	HCT	50K	4	CAPITAL	HCT	50K	1
		SUPER ECO	HCT	40K	1	ELANDRA	HCT	115K	3
		ANCORA	HCT	40K	1	ASIATIC LLOYD	HCT	50K	6
		SUMITOMO	HCT	50K	1	METROSTAR	HCT	115K	1
		FIREWORK	HCT	50K	1	MITSUI	HCT	50K	1
		NORDEN	HCT	50K	2	THENAMARIS	HBC	63K	1
		CAPITAL	HCT	50K	5				
		ELANDRA	HCT	115K	1				
		TOTAL			71	TOTAL			63

## 1.8 주요 거래선 실적



YEAR		2023				2024			
		SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
D O M E S T I C	HMD	PROMISSUM	CT	50K	1	CIDO SHIPPING	CT	50K	4
		NCC	CT	55K	1	MITSUI	CT	50K	6
		PENINSULA	CT	17K	1	MOL	CT	48K	1
		GREAT WALL	CONT	1800TEU	6	SI MATECH	CT	50K	6
		MAERSK	CONT	2100TEU	1	ALGOMA	CT	37K	2
		TSAKOS	CONT	2800TEU	2	PT PIS	CT	50K	8
		CCC	CONT	1800TEU	6	EUROSEAS	CONT	2800TEU	1
		EUROSEAS	CONT	2800TEU	2	EPS	CONT	1400TEU	4
		남성해운	CONT	2500TEU	2	CLdN	RORO	24K	2
		GARNET	CONT	2500TEU	3	EXMAR	LPG	45K	4
		CEDAR	CONT	1000TEU	1	PASCOGAS	LPG	45K	2
		EPS	CONT	1800TEU	1	CAPITAL	LCO2	22K	4
		PAN OCEAN	LNG	18K	1	PURUS	LPG	45K	4
		대한해운	LNG	18K	1	SAHARA	LPG	40K	2
		STEAM PACKET	FERRY	133M	1				
		BYZANTINE	LPG	40K	2				
		TRAFIGURA	LPG	40K	3				
		EVALEND	LPG	40K	3				
		UNION MARITIME	LPG	40K	1				
		BRAVE MARITIME	LPG	40K	2				
		GEOGAS	LPG	40K	1				
		BENELUX	LPG	40K	2				
		GRIMALDI	CONRO	45.7K	3				
		PASCOGAS	LPG	40K	2				

1.8 주요 거래선 실적



YEAR		2023				2024			
		SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
DOMESTIC	HMD	SCALE	LNG	12.5K	1	SCALE	LNG	12.5K	1
OVERSEA	HVS	CAPITAL	HCT	50K	1	NEREUS	HCT	115K	3
		ELANDRA	HCT	115K	3	MITSUI	HCT	50K	5
		ASIATIC LLOYD	HCT	50K	6	HELIKON	HCT	50K	2
		METROSTAR	HCT	115K	1	EPS	HCT	50K	2
		MITSUI	HCT	50K	1				
		THENAMARIS	HBC	63K	1				
		TOTAL			63	TOTAL			63

## 1.8 주요 거래선 실적



YEAR	2018				2019			
	SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
HHI	A.P. MOLLER	CONTAINER	14K CCV	2	BOTAS	LNG	170,000 CBM	1
	BCLC	CRUDE OIL	158,000 DWT	4	CAPITAL GAS	LNG	174,000 CBM	1
	CARDIFF GAS	LNG	174,000 CBM	3	CARDIFF GAS	LNG	174,000 CBM	5
	DHT	CRUDE OIL	318,000 DWT	2	CINER SHIPPING	CRUDE OIL	158,000 DWT	2
	ENESEL	CRUDE OIL	319,000 DWT	4	ENESEL	CRUDE OIL	319,000 DWT	1
	EXMAR LPG	LPG	38,000 CBM	1	HLS	LPG	84,600 CBM	1
	HOEGH LNG	LNG	170,000 CBM	1	JX OCEAN	LPG	80,000 CBM	1
	KNUTSEN	LNG	180,000 CBM	2	KNOT	SHUTTLE TANKER	153,000 CBM	2
	KOLIN & KALYON	LNG	170,000 CBM	1	KNUTSEN	LNG	180,000 CBM	2
	KOTC	LPG	84,200 CBM	2	KOTC	LPG	84,200 CBM	3
	KYKLADES	CRUDE OIL	319,000 DWT	7	KYKLADES	CRUDE OIL	319,000 DWT	6
	MAERSK	CONTAINER	14K	1	LMM	LPG	80,000 CBM	1
	OLYMPIC SHIPPING	CRUDE OIL	319,000 DWT	3	LUMOS	CONTAINER	15,000TEU	5
	POLARIS SHIPPING	ORE	325,000 DWT	3	MITSUI	LPG	84,600 CBM	1
	SK SHIPPING	LNG	180,000 m³	2	POLARIS SHIPPING	ORE	325,000 DWT	3
	SOLVANG	LPG	80,000 m³	1	SOLVANG	LPG	80,000 m³	1
	SWAN ENERGY	LNG	180,000 CBM	1	SWAN ENERGY	LNG	180,000 CBM	1
	TCC	CRUDE OIL	314,014 DWT	2	THENAMARIS	LNG	174,000 CBM	2
	VITOL	LPG	80,000 CBM	2	VALENCIA	CRUDE OIL	300,00 DWT	4
			84,200 CBM	2	VITOL	LPG	80,000 CBM	1
	ZODIAC	CONTAINER	14,300 TEU	5			84,200 CBM	1
	뉴질랜드 해군	군함	300,000 DWT	1	ZODIAC	CONTAINER	14,300 TEU	3
	방위사업청	군함	150,200 m³	2	뉴질랜드 해군	군함	300,000 DWT	1
	필리핀 해군	군함	10,000 TEU	2	방위사업청	군함	78,700 CBM	2
					필리핀 해군	군함	38,000 CBM	2
					한국해경	군함	300,000 DWT	1
	TOTAL			56	TOTAL			54

## 1.8 주요 거래선 실적



YEAR	2020				2021			
	SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
HHI	AVIN	CRUDE OIL	158,000 DWT	2	SK SHIPPING	LNG	180,000 M3	2
	SK SHIPPING	LNG	180,000 M3	1	CARDIFF GAS	LNG	174,000 CBM	3
	SWAN ENERGY	LNG	180,000 CBM	1	DYNACOM	LNG	180,000 CBM	1
	POLARIS SHIPPING	ORE	325,000 DWT	4	NESTE	CRUDE OIL	112,000 DWT	1
	CARDIFF GAS	LNG	174,000 CBM	4	TSAKOS	MEMBRANE LNG	174,000 CBM	1
	LUMOS	CONTAINER	14,300 TEU	3	PAPACY	CONTAINER	15,700 TEU	11
	BOTAS	LNG	170,000 CBM	1	LSC	LPG	84,000 CBM	2
	HMM	CONTAINER	15,900 TEU	8	KOREA LINE	LNG	174,000 CBM	2
	CARDIFF GAS	LNG	174,000 CBM	3	GM	LNG	174,000 CBM	2
	STL	LPG	98,000 CBM	1	AET	SHUTTLE TANK	153,000 DWT	3
	THENAMARIS	LNG	174,000 CBM	1	KYKLADES	VLCC	300000 DWT	2
	MITSUMI	LPG	84,600 CBM	1	CENTRAL MARE	VLCC	300000 DWT	2
	HLS	LPG	84,600 CBM	1	EPS	LPG	98,000 CBM	4
	DYNACOM	LNG	180,000 CBM	1	FRONTLINE	VLCC	300000 DWT	6
	KSS LINE	LPG	84,600 CBM	1	KNUTSEN	LNG	174,000 CBM	2
	NESTE	CRUDE OIL	112,000 DWT	2	LMM	VLCC	300000 DWT	3
	TSAKOS	MEMBRANE LNG	174,000 CBM	1	KSS	LPG	91,000 CBM	1
	PAPACY	CONTAINER	14,700 TEU	5	KOLB	LNG	75,000 CBM	1
	IMI	CRUDE OIL	319,000 DWT	1	FLOURISH	CONTAINER	15,900 TEU	1
	MITSUMI	LPG	84,000 CBM	1	PRESTIGE	LPG	91,000 CBM	1
	MITSUMI	LNG	84,000 CBM	2	MAJESTY	VLCC	300000 DWT	2
	AET	SHUTTLE TANKER	153,000 DWT	2	방위사업청	군함	-	4
	방위사업청	군함	-	3	NEREUS	CRUDE OIL	158,000 DWT	1
	NEREUS	CRUDE OIL	158,000 DWT	1				
	TOTAL			51	TOTAL			58

## 1.8 주요 거래선 실적



YEAR	2022				2023			
	SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
HHI	AMPTC	PC	114K (DF)	2	BGN	LPG	86K (DF)	1
	BGN	LPG	86K (DF)	2	CAPITAL	LNG	174K	3
	CAPITAL	LNG	174K	3	DYNAGAS	LNG	200K	4
	DYNAGAS	LNG	200K	3	EQUINOX	CNTR	16200 (MTNL DF)	9
	ENEOS OCEAN	LPG	91K (DF)	1	EVALEND	LPG	88K (DF)	4
	EPS	ETH	98K	1	GM	LNG	174K	1
	EQUINOX	CNTR	16200 (MTNL DF)	2	HLS	LNG	174K	6
	FLOURISH	CNTR	15900	1	MSC	CNTR	7900 (DF/Memb)	3
	FLOURISH, 2→4	CNTR	15600 (DF/Memb)	2	PAN OCEAN	LNG	174K	4
	FRONT LINE	VLCC	300K	1	PAPACY	CNTR	14800 (DF)	1
	GM	LNG	174K	4	PRESTIGE	LPG	86K (DF)	1
	HLS	LNG	174K	4	SINOKOR	CNTR	8,000	1
	KNUTSEN	LNG	174K	2	SK	LNG	174K	2
	KOREA LINE	LNG	174K	2	SK	LPG	91K (DF)	2
	KSS	LPG	86K (DF)	1	WANHAI	CNTR	13200	1
	LMM	VLCC	300000 DWT	1	방위사업청	군함	-	2
	LMM	VLCC	300K	1	필리핀 해군	군함	-	2
	PAPACY	CNTR	14800 (DF)	7	현대중공업	다목적 TUG	-	1
	PRESTIGE	LPG	86K (DF)	1				
	PRESTIGE	LPG	91K (DF)	2				
	SK	LPG	91K (DF)	2				
	WANHAI	CNTR	13200	3				
	방위사업청	군함	-	2				
	TOTAL			50	TOTAL			48

## 1.8 주요 거래선 실적



YEAR	2023				2024			
	SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
HHI	BGN	LPG	86K (DF)	1	AMPTC	LPG	91K (DF)	2
	CAPITAL	LNG	174K	3	DYNAGAS	LNG	200K	5
	DYNAGAS	LNG	200K	4	EQUINOX	CNTR	6200 (MTNL DF)	9
	EQUINOX	CNTR	16200 (MTNL DF)	9	EVALEND	LPG	LPG (DF)	7
	EVALEND	LPG	88K (DF)	4	EXCELERATE	LNG	170K	1
	GM	LNG	174K	1	GM	LNG	174K	3
	HLS	LNG	174K	6	HERMES	CNTR	7200 (MTNL DF)	6
	MSC	CNTR	7900 (DF/Memb)	3	HLS	LNG	174K	2
	PAN OCEAN	LNG	174K	4	IINO KAIUN	CNTR	98K	2
	PAPACY	CNTR	14800 (DF)	1	KNUTSEN	LNG	174K	8
	PRESTIGE	LPG	86K (DF)	1	LMM	LPG	87K (DF)	3
	SINOKOR	CNTR	8,000	1	METEOR	CNTR	13,700	5
	SK	LNG	174K	2	MSC	CNTR	7900 (DF/Memb)	7
	SK	LPG	91K (DF)	2	NYK	LNG	174K	5
	WANHAI	CNTR	13200	1	PAN OCEAN	LNG	174K	2
	방위사업청	군함	-	2	SINOKOR	CNTR	8,000	2
	필리핀 해군	군함	-	2	TSAKOS	CNTR	157K	1
	현대중공업	다목적 TUG	-	1	YANGMING	CNTR	15500 (DF)	1
					방위사업청	군함		2
					페루 SIMA	군함		2
					필리핀해군	군함		4
	TOTAL			48	TOTAL			79

## 1.8 주요 거래선 실적



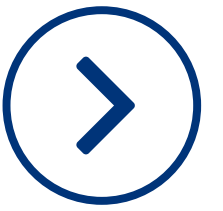
YEAR		2018 TO 2021				2022			
O V E R S E A	HVS	SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
		STEALTH	HCT	50K	7	THENAMARIS	HCT	50K	4
		DSD	HCT	50K	6	SUPER ECO	HCT	40K	1
		PAN OCEAN	HCT	50K	4	ANCORA	HCT	40K	1
		MASUMOTO	HCT	50K	2	SUMITOMO	HCT	50K	1
		BAHRI	HBC	81K	4	FIREWORK	HCT	50K	1
		FUKUJIN KISEN	HCT	50K	3	NORDEN	HCT	50K	2
		MASUMOTO	HCT	50K	1	CAPITAL	HCT	50K	5
		HISAMOTO	HCT	50K	2	ELANDRA	HCT	115K	1
		ATLANTIC	HBC	61K	4				
		PHOENIX	HCT	50K	1				
		FIREWORK	HCT	50K	2				
		SUMITOMO	HCT	50K	2				
		TOTAL			38	TOTAL			16



YEAR		2023				2024			
O V E R S E A	HVS	SHIP OWNER	DESCRIPTION		VESSELS	SHIP OWNER	DESCRIPTION		VESSELS
		CAPITAL	HCT	50K	1	METROSTAR	HCT	115K	3
		ELANDRA	HCT	115K	3	mitsui	HCT	50K	5
		ASIATIC LLOYD	HCT	50K	6	THENAMARIS	HBC	63K	3
		METROSTAR	HCT	115K	1	THENAMARIS	HCT	115K	2
		mitsui	HCT	50K	1	HELIKON	HCT	50K	2
		THENAMARIS	HBC	63K	1	NEREUS	HCT	115K	1
		TOTAL				13	TOTAL		

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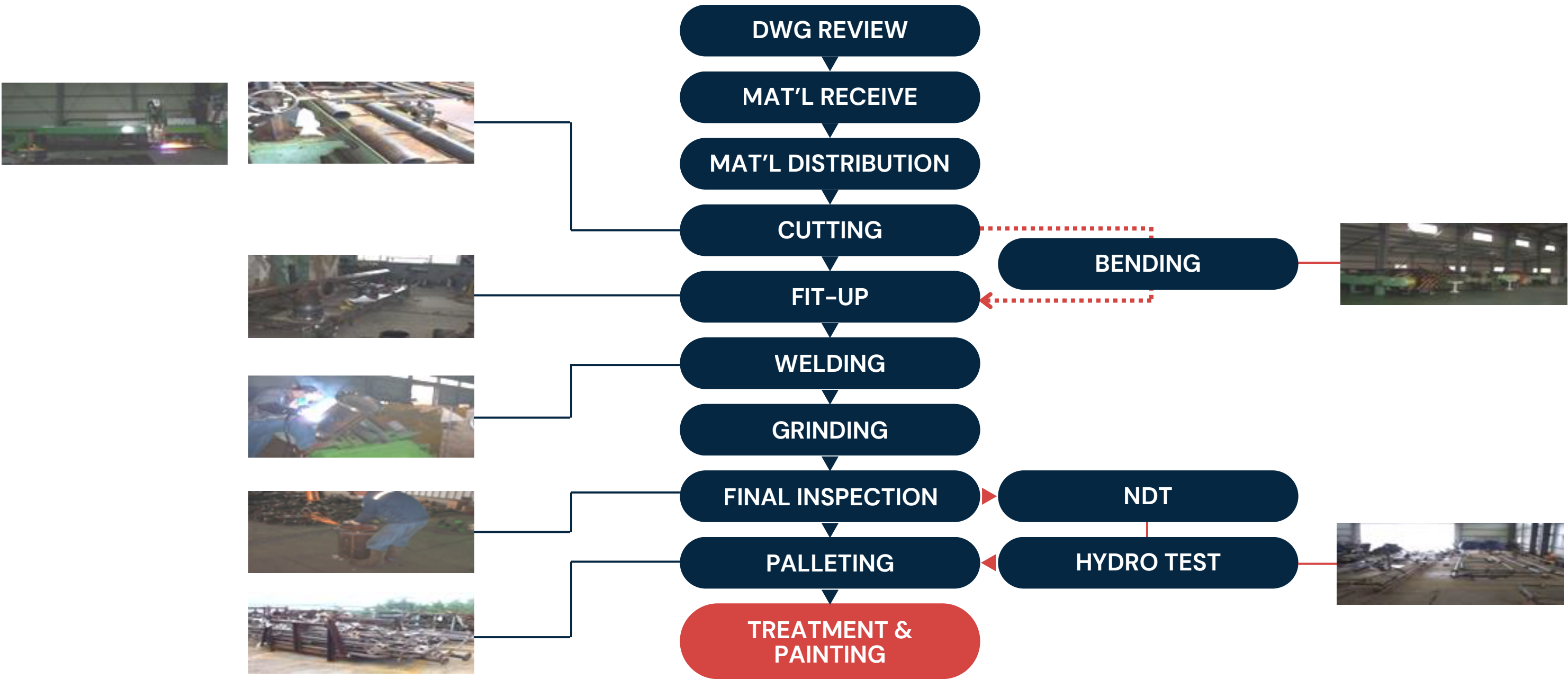
# 공정 및 보유설비 현황



- 생산 공정도
- 품질 검사 절차
- 보유 설비

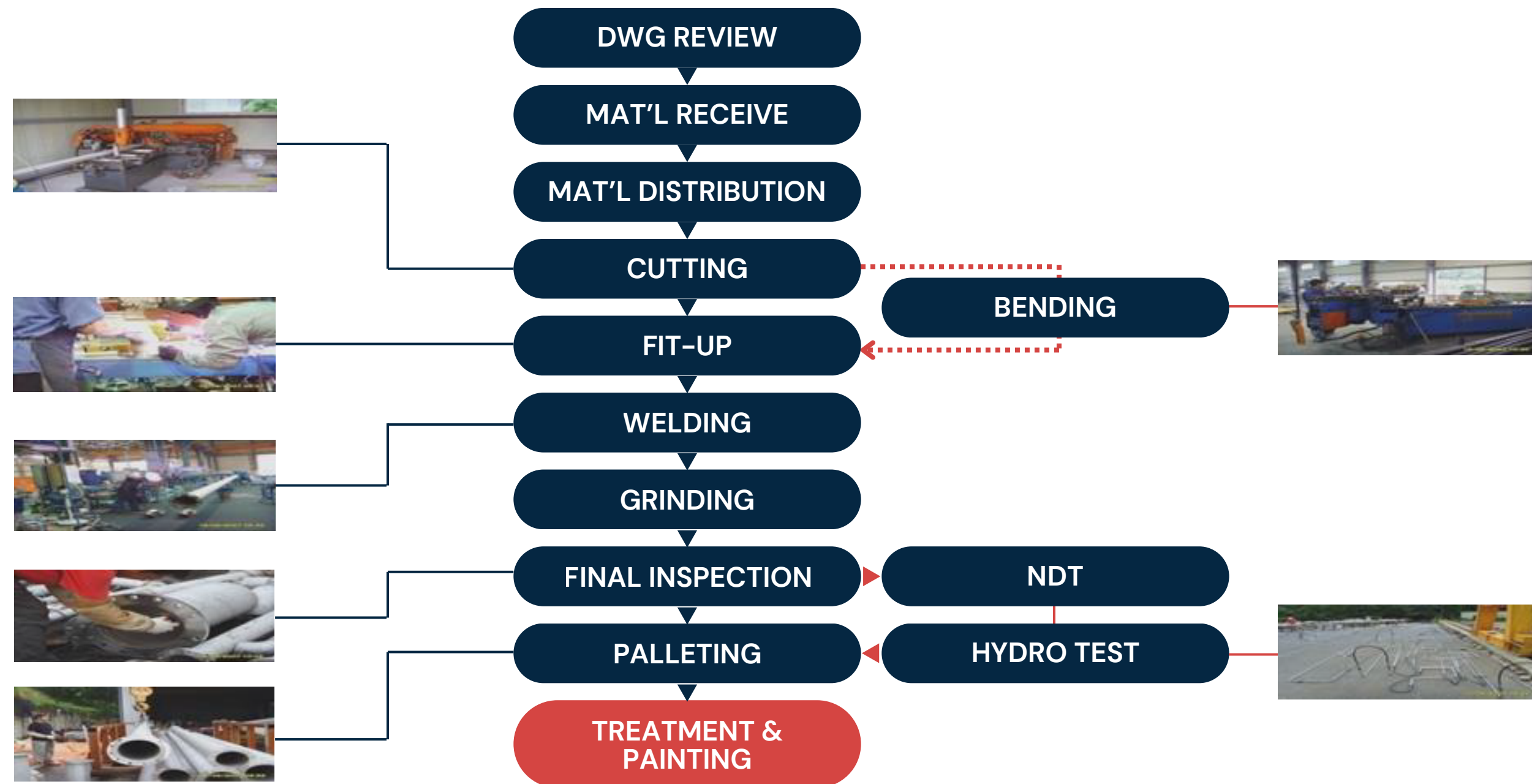
# 2.1 생산 공정도 - STEEL

## • CARBON STEEL WORK PROCESS



## 2.1 생산 공정도 - SUS

### • STAINLESS WORK PROCESS



## 2.2 품질 검사 절차 • MANUFACTURING & INSPECTION FLOW

WORKING PROCESS		POSIT'N OF RESPONSIBILITY	ROLES FOR CHECK./INSP.	BASED FOR WORKING	BASED FOR CHECK./INSP.
1	DWG REVIEW	BUSINESS PART	Q.A	ACCORDING TO P.O.R.	REFER TO CLASS RULE/SYS. DWG
2	MAT'L RECEIVE	MATERIAL PART	MATERIAL PART (Q.A MONITERING)	REFER TO MATERIAL SHEET ON P.O.R.	REFER TO JIS,ANSI,DIN STAND.
3	MAT'L DISTRIBUTION	MATERIAL PART	PRODUCT. PART (Q.A MONITERING)	REFER TO MATERIAL SHEET ON P.O.R.	
4	CUTTING	CUTTER	FIT-UP WORKER (Q.A MONITERING)	ACCORDING TO DWG	REFER TO SYSTD-001
5	BENDING	BENDER	FIT-UP WORKER (Q.A MONITERING)	ACCORDING TO DWG	REFER TO SYSTD-002
6	FIT-UP	FIT-UP WORKER	WELDER (Q.A MONITERING)	ACCORDING TO QUALITY STAND.& WPS	REFER TO SYSTD-003
7	WELDING	WELDER	GRINDER (Q.A MONITERING)	ACCORDING TO QUALITY STAND.& WPS	REFER TO SYSTD-004
8	GRINDING	GRINDER	Q.A	ACCORDING TO QUALITY STAND.& WPS	REFER TO SYSTD-005
9	FINAL INSPECTION	Q.A	Q.A	ACCORDING TO INSPECTION STANDARD	REFER TO SYSTD-001~005
10	N.D.T.	SUBCONTRACTOR	Q.A	ACCORDING TO REQUIR. OF CLASS RULE	REFER TO NDT PROCEDURE
11	HYDRO TEST	HYD. PART	Q.A	ACCORDING TO DWG/CLASS RULE	REFER TO SYSTD-006
12	PALLETING	SELECTION PART	DELIVERY PART (Q.A MONITERING)	BASED ON BLK SCHE./TREATM'T METHOD	
13	GALV', PAINTING	SUBCONTRACTOR	SUBCONTRACTOR	ACCORDING TO PAINT SPEC.	

# 2.2 품질 검사 절차 • INSPECTION & TEST PLAN

DIVISION		KIND OF INSPECTION					N.D.T (NON-DESTRUCTIVE TEST)					REMARKS
		VISUAL INSP'			FINAL INSP'	HYD. TEST	R.T		M.T		APPLICATION	
ITEM	INSPECTOR	MAT'L	FIT-UP	WELD'			BUTT	FILLET	BUTT	FILLET		
CLASS 1	SE YOUNG	○	○	○	○	○	REVIEW			REVIEW		
	SHIP YARD				○	○	REVIEW			REVIEW	○	
	CLASS				○	○	REVIEW			REVIEW	○	
	OWNER				○	○	REVIEW			REVIEW	○	
CLASS 2	SE YOUNG	○	○	○	○	○	REVIEW			REVIEW		
	SHIP YARD				○	○	REVIEW			REVIEW	○	
	CLASS				○	○	REVIEW			REVIEW	○	
	OWNER				○	○	REVIEW			REVIEW	○	
GENERAL	SE YOUNG	○	○	○	○							
	SHIP YARD				○						○	
	CLASS				MONITOR'G							
	OWNER				MONITOR'G							
PENET' PCS	SEYOUNG	○	○	○	○		REVIEW			REVIEW		
	SHIP YARD				○		REVIEW			REVIEW	○	
	CLASS				MONITOR'G							
	OWNER				MONITOR'G							

※ NOTE

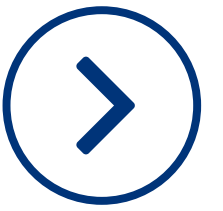
1. METERIAL INSPECTION : SHIP YARD SUPPLY - SE YOUNG Q.A & MATERIAL PART  
COMMERCIAL SUPPLY - SE YOUNG Q.A & MATERIAL PART
2. REVIEW : ACCORDING TO SHIP YARD QUALITY STANDARD & CLASS RULE
3. SHALL BE APPLICATED FOR ONLY SPECIAL PIPES IN ACCORDANCE WITH REQUIRMENTS OF PURCHASERS

# 2.3 보유설비

No.	DESCRIPTION	CAPACITY	QTY	MAKER	REMARKS	No.	DESCRIPTION	CAPACITY	QTY	MAKER	REMARKS
1	CRANE	15TON	1	BANDO		24	CARGO TRUCK	5TON	5	HYUNDAI	
2	CRANE	7.5TON	1	BANDO		25	CARGO TRUCK	1TON	5	HYUNDAI	
3	CRANE	5+5TON	1	BANDO		26	CARGO TRUCK	9.5TON	1	HYUNDAI	
4	CRANE	5TON	24	BANDO		27	PALLET		900	SE-YOUNG	
5	CRANE	2.8TON	38	BANDO		28	HIGH SPEED CUTTER	Ø 120	1		
6	LATHE		5	WHACHEON		29	PUMP FOR HYDTEST	100KG/CM2	2	HASKEL INC.	
7	MILLING M/C		3	TAKEDA		30	PUMP FOR HYDTEST	500KG/CM2	1	HASKEL INC.	
8	ELBOW CUTTING M/C	MAX 600A	1	SHINKWANG		31	THREAD & BEVEL M/C	125A	5		
9	TURNING ROLLER	CUT: Ø1000	4	NASUNG IND.		32	TURN TABLE M/C	1TON	2	NASUNG IND.	
10	TURNING ROLLER	WELD-Ø1000	4	NASUNG IND.		33	ROTATING M/C	1TON	40	NASUNG IND.	
11	WORKING TABLE	3,500 X 2,400	8	SE-YOUNG		34	PLAZMA CUTTING M/C	50t	1	KORKE	
12	WORKING TABLE	2,400 X 2,000	8	SE-YOUNG		35	PIPE COASTER	25A~800A	5	SE-YOUNG	
13	WORKING TABLE	2,000 X 2,000	8	SE-YOUNG		36	AUTO GAS CUT. M/C		9	DANAKA	
14	INSPECTION TABLE	2,400 X 2,000	3	SE-YOUNG		37	PIPE BENDING M/C	MAX 50A	4	ERCOLINA	
15	TIG WELDING M/C	500A	100	DAE HAN ELEC.		38	PIPE BENDING M/C	MAX 65A	1	ERCOLINA	
16	CO2 WELDING M/C	500A	120	DAE HAN ELEC.		39	PIPE BENDING M/C	MAX 80A	1	DAIYO	
17	BEND SAWING M/C	Ø500	9	WOO SUNG		40	PIPE BENDING M/C	MAX 100A	2	DAIYO	
18	DRILLING M/C	Ø19	9			41	PIPE BENDING M/C	MAX 125A	2	DAIYO	
19	MAGNET DRILLING M/C	Ø36	1			42	PIPE BENDING M/C	MAX 150A	1	DAIYO	
20	DRY CUTTER	Ø100	4			43	PIPE ROLL BEND. M/C	MAX 65A	1	SE-YOUNG	
21	AUTO SHEEL CUTTING M/C	Ø100	5	DONG-JIN		44	PIPE CUTTING & BEVEL M/C	MAX 500A	1	DSC ENG	
22	AIR COMP.	20HP	8	KYEONG WON CENTURY		45	FACING MACHINE	MIN 200A~MAX 1000A	2	KYEONG DONG	
23	FORK LIFTER	7TON	6	HYUNDAI		46	FACING MACHINE	MIN 80A~MAX 800A	1	YOUNG BIN TECH	

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## 3.1 WPS 승인 관리대장

SE-YOUNG ENG		APPROVED WPS LIST FOR CLASS							COMPANY	SE-YOUNG ENG.CO.,LTD.		
									UPDATE	2020.10.08		
NO	WPS & Cert. No.	WPQT			Qualification				Type of Joint	PREHEAT/ INTERPASS TEMP	IMPACT TEMP	APPROVED DATE (CLASS)
		TH'K	PQR No.	GRADE	TH'K	Mat'l Spec	Position	Filler Metal				
1	SYGT.FC-001	12.7	QSYGT.FC-001	STPG370	6.35≤t≤25.4	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	14.OCT.2000 (ABS)
2	SYGT-001	3.9	QSYGT-001	STPG370	1.6≤t≤7.8	STPG370	6G	A5.18 ER70S-G	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	14.OCT.2000 (ABS)
3	SYGT-002	6.5	QSYGT-002	SUS316L	3.25≤t≤13.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	14.OCT.2000 (ABS)
4	SYDUGT-001	1.5 7.0	QSYDUGT-001	ER2209	1.5≤t≤14.0	DUPLEX2205	6G	ER2209	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	06.SEP.2004 (ABS)
5	SYGT.FC-001A	3.9	QSYGT.FC-001A	STPG370	1.95≤t≤7.8	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	16.OCT.2000 (DNV)
6	SYGT.FC-001B	12.7	QSYGT.FC-001B	STPG370	6.35≤t≤25.4	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	16.OCT.2000 (DNV)
7	SYGT-001A	3.9	QSYGT-001A	SUS316L	1.95≤t≤7.8	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	16.OCT.2000 (DNV)
8	SYGT-001B	6.5	QSYGT-001B	SUS316L	3.25≤t≤13.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	16.OCT.2000 (DNV)
9	SYDUGT-001	1.5 7.0	QSYDUGT-001	ER2209	1.5≤t≤14.0	DUPLEX2205	6G	ER2209	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	06.SEP.2004 (DNV)
10	SYGT.FC-001	11.0	QSYGT.FC-001	STPG370	5.5≤t≤22.0	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	02.SEP.2002 (LR)
11	SYGT-002	3.6	QSYGT-002	STPG370	1.8≤t≤7.2	STPG370	6G	A5.18 ER70S-G	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	02.SEP.2002 (LR)
12	SYGT-001A	3.0	QSYGT-001A	SUS316L	1.5≤t≤6.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	02.SEP.2002 (LR)
13	SYGT-001B	7.1	QSYGT-001B	SUS316L	3.55≤t≤14.2	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	02.SEP.2002 (LR)
14	SYDUGT-001	1.5 7.0	QSYDUGT-001	ER2209	1.5≤t≤14.0	DUPLEX2205	6G	ER2209	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	06.SEP.2004 (LR)
15	SYGT.FC-001	11.0	QSYGT.FC-001	STPG370	5.5≤t≤22.0	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	03.JUL.2003 (GL)
16	SYGT-001	3.6	QSYGT-002	STPG370	1.8≤t≤7.2	STPG370	6G	A5.18 ER70S-G	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	03.JUL.2003 (GL)
17	SYGT-001A	3.0	QSYGT-001A	SUS316L	1.5≤t≤6.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	03.JUL.2003 (GL)
18	SYGT-001B	7.1	QSYGT-001B	SUS316L	3.55≤t≤14.2	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	03.JUL.2003 (GL)

## 3.1 WPS 승인 관리대장

SE-YOUNG ENG		APPROVED WPS LIST FOR CLASS							COMPANY	SE-YOUNG ENG.CO.,LTD.		
									UPDATE	2024.03.01		
NO	WPS & Cert. No.	WPQT			Qualification				Type of Joint	PREHEAT/ INTERPASS TEMP	IMPACT TEMP	APPROVED DATE (CLASS)
		TH'K	PQR No.	GRADE	TH'K	Mat'l Spec	Position	Filler Metal				
19	SYGT.FC-001	11.0	QSYGT.FC-001	STPG370	5.5≤t≤22.0	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	15.JUN.2004 (BV)
20	SYGT-002	3.6	QSYGT-002	STPG370	1.8≤t≤7.2	STPG370	6G	A5.18 ER70S-G	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	15.JUN.2004 (BV)
21	SYGT-001A	3.0	QSYGT-001A	SUS316L	1.5≤t≤6.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	15.JUN.2004 (BV)
22	SYGT-001B	7.1	QSYGT-001B	SUS316L	3.55≤t≤14.2	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	15.JUN.2004 (BV)
23	SYGT.FC-001	11.0	QSYGT.FC-001	STPG370	5.5≤t≤22.0	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	15.NOV.2004 (RINA)
24	SYGT-002	3.6	QSYGT-002	STPG370	1.8≤t≤7.2	STPG370	6G	A5.18 ER70S-G	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	15.NOV.2004 (RINA)
25	SYGT-001A	3.0	QSYGT-001A	SUS316L	1.5≤t≤6.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	15.NOV.2004 (RINA)
26	SYGT-001B	7.1	QSYGT-001B	SUS316L	3.55≤t≤14.2	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	15.NOV.2004 (RINA)
27	SYDUGT-001	1.5 7.0	QSYDUGT-001	ER2209	1.5≤t≤14.0	DUPLEX2205	6G	ER2209	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	15.NOV.2004 (RINA)
28	SYGT.FC-001	12.7	QSYGT.FC-001	STPG370	6.35≤t≤25.4	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	22.NOV.2006 (KR)
29	SYGT-001	3.9	QSYGT-001	STPG370	1.95≤t≤7.8	STPG370	6G	A5.18 ER70S-G	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	22.NOV.2006 (KR)
30	SYGT-002	6.5	QSYGT-002	SUS316L	3.25≤t≤13.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	22.NOV.2006 (KR)
31	SYDUGT-001	1.5 7.0	QSYDUGT-001	ER2209	1.5≤t≤14.0	DUPLEX2205	6G	ER2209	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	22.NOV.2006 (KR)
32	SYLGT-001A	8.2	QSYGT-001A	SUS316L	6.0≤t≤12.3	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	06.NOV.2007 (LR)
33	SYLGT-001B	6.0	QSYGT-001B	SUS316L	4.5≤t≤9	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	06.NOV.2007 (LR)
34	SYLGT-002	12.0	QSYGT-002	SUS316L	9.0≤t≤18.0	SUS316LTP	6G	A5.9 ER309L	Single Vee & Bevel Groove	N/A / 150°C MAX	-55°C	06.NOV.2007 (LR)
35	SYLGT-001A	8.2	QSYGT-001A	SUS316L	1.5≤t≤16.4	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	14.JAN.2008 (DNV)
36	SYLGT-001B	6.0	QSYGT-001B	SUS316L	1.5≤t≤12.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	14.JAN.2008 (DNV)

## 3.1 WPS 승인 관리대장

SE-YOUNG ENG		APPROVED WPS LIST FOR CLASS							COMPANY	SE-YOUNG ENG.CO.,LTD.		
									UPDATE	2024.03.01		
NO	WPS & Cert. No.	WPQT			Qualification				Type of Joint	PREHEAT/ INTERPASS TEMP	IMPACT TEMP	APPROVED DATE (CLASS)
		TH'K	PQR No.	GRADE	TH'K	Mat'l Spec	Position	Filler Metal				
37	SYLGT-002	12.0	QSYGT-002	SUS316L	6.0≤t≤24.0	SUS316LTP	6G	A5.9 ER309L	Single Vee & Bevel Groove	N/A / 150°C MAX	-55°C	14 JAN, 2008 (DNV)
38	SYLGTF-001A	7.0	QSYLGTF-001A	A333	1.5≤t≤14.0	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	14 JAN, 2008 (DNV)
39	SYLGTF-001B	15.1	QSYLGTF-001B	A333	7.6≤t≤30.2	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	17 JUL, 2008 (DNV)
40	SYLGTF-001C	28.6	QSYLGTF-001C	A333	14.3≤t≤57.2	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	17 JUL, 2008 (DNV)
41	SYLGTF-001A	7.0	QSYLGTF-001A	A333	5.3≤t≤10.5	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	22 JUN, 2008 (LR)
42	SYLGTF-001B	15.1	QSYLGTF-001B	A333	11.3≤t≤22.6	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	22 JUN, 2008 (LR)
43	SYLGTF-001C	28.6	QSYLGTF-001C	A333	14.3≤t≤57.2	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	22 JUN, 2008 (LR)
44	SYLGT-001A/B	6.0&8.2	QSYLGTF-001A/B	SUS316L	4.5≤t≤12.3	SUS316LTP	6G	A5.9 ER309L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	28 JAN, 2008 (ABS)
45	SYLGT-002	12.0	QSYGT-002	SUS316L	9.0≤t≤18.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 150°C MAX	-55°C	28 JAN, 2008 (ABS)
46	SYLGTF-001A	7.0	QSYLGTF-001A	A333	1.5≤t≤14.0	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	18 AUG, 2008 (ABS)
47	SYLGTF-001B	15.1	QSYLGTF-001B	A333	5.0≤t≤30.2	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	18 AUG, 2008 (ABS)
48	SYLGTF-001C	28.6	QSYLGTF-001C	A333	5.0≤t≤57.2	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	18 AUG, 2008 (ABS)
49	SYGT-002	28.6	QSYLGT-002	A106 Gr.C	1.5≤t≤26.0	A106 Gr.C	6G	ER70S-G	Single Vee & Bevel Groove	N/A / 190°C MAX	N/A	03 SEP, 2010 (ABS)
50	SYGTFC-002	13.0	QSYGTFC-002	A106 Gr.C	6.5≤t≤26.0	A106 Gr.C	6G	ER70S-G E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	03 SEP, 2010 (ABS)
51	SYDUGT-002(Rev.1)	7.0	QSYDUGT-002	ER2209	1.5≤t≤14.0	ASTM A789	6G	22.8.3.L ST2209	Single Vee & Bevel Groove	N/A / 150°C MAX	-46°C	24 DEC, 2010 (ABS)
52	SYLGT-001A(Rev.1)	8.2	QSYGT-001A	SUS316L	3.0≤t≤16.4	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	14 JAN, 2008 (DNV)
53	SYLGT-001B(Rev.1)	6.0	QSYGT-001B	SUS316L	3.0≤t≤12.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	14 JAN, 2008 (DNV)
54	SYGT-002A	5.0	QSYGT-002A	A106 Gr.C	3.0≤t≤10.0	A106 Gr.C	2G	ER70S-G	Single Vee & Bevel Groove	N/A / 162°C MAX	N/A	12 APR, 2012 (DNV)

## 3.1 WPS 승인 관리대장

SE-YOUNG ENG		APPROVED WPS LIST FOR CLASS							COMPANY	SE-YOUNG ENG.CO.,LTD.		
									UPDATE	2024.03.01		
NO	WPS & Cert. No.	WPQT			Qualification				Type of Joint	PREHEAT/ INTERPASS TEMP	IMPACT TEMP	APPROVED DATE (CLASS)
		TH'K	PQR No.	GRADE	TH'K	Mat'l Spec	Position	Filler Metal				
55	SYGT-002B	13.0	QSYGT-002B	A106 Gr.C	6.5≤t≤26.0	SUS316LTP	6G	ER70S-G	Single Vee & Bevel Groove	N/A / 181°C MAX	N/A	12.APR.2012 (DNV)
56	SYGT-001	3.9	QSYGT-001	STPG370	1.6≤t≤7.8	A333	6G	A5.18 ER70S-G	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	12.APR.2012 (DNV)
57	SYGTFC-002	13.0	QSYGTFC-002	A106 Gr.C	6.5≤t≤26.0	A333	6G	ER70S-G E71T-1	Single Vee & Bevel Groove	N/A / 198°C MAX	N/A	12.APR.2012 (DNV)
58	SYLGT-001A/B	6.0&8.2	QSYLGTFC-001A/B	SUS316L	4.5≤t≤12.3	A333	6G	A5.9 ER309L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	13.APR.2013 (NRC)
59	SYGT.FC-001	12.7	QSYGT.FC-001	STPG370	1.6≤t≤25.4	A333	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	13.APR.2013 (NRC)
60	SYGT-002A	5.0	QSYGT-002A	A106 Gr.C	3.0≤t≤10.0	A333	2G	ER70S-G	Single Vee & Bevel Groove	N/A / 162°C MAX	N/A	13.APR.2013 (NRC)
61	SYGT-002B	13.0	QSYGT-002B	A106 Gr.C	6.5≤t≤26.0	A333	6G	ER70S-G	Single Vee & Bevel Groove	N/A / 181°C MAX	N/A	13.APR.2013 (NRC)
62	SYGTFC-002	13.0	QSYGTFC-002	A106 Gr.C	6.5≤t≤26.0	SUS316LTP	6G	ER70S-G E71T-1	Single Vee & Bevel Groove	N/A / 198°C MAX	N/A	13.APR.2013 (NRC)
63	SYGT-001A	3.0	QSYGT-001A	SUS316L	1.5≤t≤14.2	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	13.APR.2013 (NRC)
64	SYLGT-003	23.0	QSYGT-003	SUS316L	11.5≤t≤46.0	A333	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 169°C MAX	N/A	14.MAR.2013 (DNV)
65	SYLGT-003	23.0	QSYGT-003	SUS316L	5.0≤t≤46.0	A333	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	04.MAR.2013 (ABS)
66	SYLGTFC-003	23.0	QSYLGTFC-003	SUS316L	5≤t≤46	A333	1G	A5.9 ER316L A5.22 CSF-316LP	Single Vee & Bevel Groove	N/A / 170°C MAX	-196°C	14.APR.2015 (ABS)
67	SYLGTFC-003	23.0	QSYLGTFC-003	SUS316L	5≤t≤46	A106 Gr.C	1G	A5.9 ER316L A5.22 CSF-316LP	Single Vee & Bevel Groove	N/A / 170°C MAX	-196°C	22.DEC.2015 (DNV)
68	SYGT-AL-001	20	QSYGT-AL-001	A5083 ALLOY	5≤t≤40	A106 Gr.C	1G	JIS Z 3232 A5183-BY	Single Vee & U Groove	50°C / 66°C MAX	N/A	04.JUN.2015 (ABS)
69	SYGT-AL-002	7.1, 3.9	QSYGT-AL-002	A5083 ALLOY	1.5≤t≤14.2	ASTM A789	1G	JIS Z 3232 A5183-BY	Single Vee & Bevel Groove	20°C / 52°C MAX	N/A	04.JUN.2015 (ABS)
70	SYGT-AL-001	20	QSYGT-AL-001	A5083 ALLOY	3≤t≤40	SUS316LTP	1G	JIS Z 3232 A5183-BY	Single Vee & U Groove	50°C / 66°C MAX	N/A	15.JUN.2015 (LR)
71	SYGT-AL-002	7.1, 3.9	QSYGT-AL-002	A5083 ALLOY	3≤t≤14.2	SUS316LTP	1G	JIS Z 3232 A5183-BY	Single Vee & Bevel Groove	20°C / 52°C MAX	N/A	15.JUN.2015 (LR)
72	SYBZ-001	2.5	QSYBZ-001	COPPER	1.25≤t≤5	A106 Gr.C	1G	SAF 5.8 Bcup-2	LAP JOINT	N/A / 533°C MAX	N/A	15.JAN.2016 (ABS)

## 3.1 WPS 승인 관리대장

SE-YOUNG ENG		APPROVED WPS LIST FOR CLASS							COMPANY	SE-YOUNG ENG.CO.,LTD.		
									UPDATE	2024.03.01		
NO	WPS & Cert. No.	WPQT			Qualification				Type of Joint	PREHEAT/ INTERPASS TEMP	IMPACT TEMP	APPROVED DATE (CLASS)
		TH'K	PQR No.	GRADE	TH'K	Mat'l Spec	Position	Filler Metal				
73	SYBZ-001	2.5	QSYBZ-001	COPPER	1.25≤t≤5	COPPER ALLOY	1G	SAF 5.8 Bcup-2	LAP JOINT	N/A / 533°C MAX	N/A	22,DEC,2015 (DNV)
74	SYCUNIGT-001A	1.2	QSYCUNIGT-001A	CU-NI	1.2≤t≤2.4	BS2871 C70600	2G	AWS 5.7 ERCUNI TC-T800	Single Vee & Bevel Groove	AMBIENT	N/A	21,APR,2016 (ABS)
75	SYCUNIGT-001B	2.5	QSYCUNIGT-001B	CU-NI	1.2≤t≤2.4	BS2871 C70600	6G	AWS 5.7 ERCUNI TC-T800	Single Vee & Bevel Groove	N/A / 150°C MAX	N/A	21,APR,2016 (ABS)
76	SYCUNIGT-001A	1.2	QSYCUNIGT-001A	CU-NI	1.2≤t≤2.4	BS2871 C70600	2G	AWS 5.7 ERCUNI TC-T800	Single Vee & Bevel Groove	AMBIENT	N/A	04,MAR,2016 (DNV)
77	SYCUNIGT-001B	2.5	QSYCUNIGT-001B	CU-NI	1.2≤t≤2.4	BS2871 C70600	6G	AWS 5.7 ERCUNI TC-T800	Single Vee & Bevel Groove	N/A / 150°C MAX	N/A	04,MAR,2016 (DNV)
78	SYBZ-001	2.5	QSYBZ-001	COPPER	1.25≤t≤5	COPPER ALLOY	1G	SAF 5.8 Bcup-2	LAP JOINT	N/A / 533°C MAX	N/A	16,NOV,2016 (LR)
79	SYLGTFC-003	23.0	QSYLGTFC-003	SUS316L	5≤t≤46	SUS316LTP	1G	A5.9 ER316L A5.22 CSF-316LP	Single Vee & Bevel Groove	N/A / 170°C MAX	-196°C	16,NOV,2016 (LR)
80	SYGT-002A	5.0	QSYGT-002A	A106 Gr.C	3.0≤t≤10.0	A106 Gr.C	2G	ER70S-G	Single Vee & Bevel Groove	N/A / 162°C MAX	N/A	16,NOV,2016 (LR)
81	SYGT-002B	13.0	QSYGT-002B	A106 Gr.C	6.5≤t≤26.0	A106 Gr.C	6G	ER70S-G	Single Vee & Bevel Groove	N/A / 181°C MAX	N/A	16,NOV,2016 (LR)
82	SYGTFC-002	13.0	QSYGTFC-002	A106 Gr.C	6.5≤t≤26.0	A106 Gr.C	6G	ER70S-G E71T-1	Single Vee & Bevel Groove	N/A / 198°C MAX	N/A	16,NOV,2016 (LR)
83	SYLGT-003	23.0	QSYGT-003	SUS316L	5.0≤t≤46.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	16,NOV,2016 (LR)
84	SYCOST-001	1.6, 2.0	QSYCOST-001	COPPER +STPG370	1.6T, 2.0T	C12200T to STPG370	2F	SFA A5.7 ERCUSN-C	FILLET	AMBIENT	N/A	21,NOV,2016 (DNV)
85	SYGT-004	2.8	QSYGT-004	A106B	1.4≤t≤5.6	STPG370	2G	ST-50G	Single Vee & Bevel Groove	AMBIENT	N/A	21,NOV,2016 (DNV)
86	SYGT-005	2.8	QSYGT-005	SUS316L	1.4≤t≤5.6	SUS316LTP	2G	A5.9 ER316L	Single Vee & Bevel Groove	AMBIENT	N/A	21,NOV,2016 (DNV)
87	SYGT-004	2.8	QSYGT-004	A106B	2.8≤t≤5.6	STPG370	2G	ST-50G	Single Vee & Bevel Groove	AMBIENT	N/A	7,NOV,2016 (LR)
88	SYGT-005	2.8	QSYGT-005	SUS316L	2.8≤t≤5.6	SUS316LTP	2G	A5.9 ER316L	Single Vee & Bevel Groove	AMBIENT	N/A	7,NOV,2016 (LR)
89	SYLGT-002	12.0	QSLYGT-002	SUS316L	3.0≤t≤24.0	SUS316LTP TO Lt-FH36M-T	6G	A5.9 ER309L	Single Vee & Bevel Groove	N/A / 150°C MAX	-55°C	17,OCT,2017 (KR)
90	SYLGT-001	6, 8.2	QSYLGT-001	SUS316L	3.0≤t≤16.4	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	20,FEB,2018 (BV)

## 3.1 WPS 승인 관리대장

SE-YOUNG ENG		APPROVED WPS LIST FOR CLASS								COMPANY	SE-YOUNG ENG.CO.,LTD.	
		WPQT			Qualification				Type of Joint	PREHEAT/ INTERPASS TEMP	IMPACT TEMP	APPROVED DATE (CLASS)
NO	WPS & Cert. No.	TH'K	PQR No.	GRADE	TH'K	Mat'l Spec	Position	Filler Metal				
91	SYLGT-002	12.0	QSYLGT-002	SUS316L	3.0≤t≤24.0	SUS316LTP	6G	A5.9 ER309L	Single Vee & Bevel Groove	N/A / 150°C MAX	N/A	20.FEB.2018 (BV)
92	SYGT-005	2.8	QSYGT-005	SUS316L	2.8≤t≤5.6	SUS316LTP	2G	A5.9 ER316L	Single Vee & Bevel Groove	AMBIENT	N/A	20.FEB.2018 (BV)
93	SYDUGT-001	1.5 7.0	QSYDUGT-001	ER2209	1.5≤t≤14.0	DUPLEX2205	6G	ER2209	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	20.FEB.2018 (BV)
94	SYDUGT-002	1.5 7.0	QSYDUGT-002	ER2209	3.0≤t≤14.0	DUPLEX2205	6G	ER2209	Single Vee & Bevel Groove	N/A / 155°C MAX	-60°C	20.FEB.2018 (BV)
95	SYBZ-001	2.5	QSYBZ-001	COPPER	1.25≤t≤5	COPPER ALLOY	1G	SAF 5.8 Bcup-2	LAP JOINT	N/A / 533°C MAX	N/A	20.FEB.2018 (BV)
96	SYGT.FC-001A	3.9	QSYGT.FC-001A	STPG370	1.95≤t≤7.8	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	5.AUG.2020 (RS)
97	SYGT.FC-001B	12.7	QSYGT.FC-001B	STPG370	6.35≤t≤25.4	STPG370	6G	A5.18 ER70S-G A5.20 E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	5.AUG.2020 (RS)
98	SYGT-001A	3.9	QSYGT-001A	SUS316L	1.95≤t≤7.8	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	5.AUG.2020 (RS)
99	SYGT-001B	6.5	QSYGT-001B	SUS316L	3.25≤t≤13.0	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	5.AUG.2020 (RS)
100	SYDUGT-001	1.5 7.0	QSYDUGT-001	ER2209	1.5≤t≤14.0	DUPLEX2205	6G	ER2209	Single Vee & Bevel Groove	N/A / 175°C MAX	N/A	5.AUG.2020 (RS)
101	SYLGT-002	12.0	QSLYGT-002	SUS316L	3.0≤t≤24.0	SUS316LTP TO Lt-FH36M-T	6G	A5.9 ER309L	Single Vee & Bevel Groove	N/A / 150°C MAX	-55°C	5.AUG.2020 (RS)
102	SYLGTF-001A	7.0	QSYLGTF-001A	A333	1.5≤t≤14.0	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	25.AUG.2020 (RS)
103	SYLGTF-001B	15.1	QSYLGTF-001B	A333	7.6≤t≤30.2	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	25.AUG.2020 (RS)
104	SYLGTF-001C	28.6	QSYLGTF-001C	A333	14.3≤t≤57.2	A333	6G	ER70S-G E80T1-K2	Single Vee & Bevel Groove	N/A / 200°C MAX	-45°C	25.AUG.2020 (RS)
105	SYLGT-001A	8.2	QSYGT-001A	SUS316L	6.0≤t≤12.3	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	25.AUG.2020 (RS)
106	SYLGT-001B	6.0	QSYGT-001B	SUS316L	4.5≤t≤9	SUS316LTP	6G	A5.9 ER316L	Single Vee & Bevel Groove	N/A / 150°C MAX	-196°C	25.AUG.2020 (RS)
107	SYGTFC-002	13.0	QSYGTFC-002	A106 Gr.C	6.5≤t≤26.0	A106 Gr.C	6G	ER70S-G E71T-1	Single Vee & Bevel Groove	N/A / 250°C MAX	N/A	25.AUG.2020 (RS)
108	SYGT-004	2.8	QSYGT-004	A106B	2.8≤t≤5.6	STPG370	2G	ST-50G	Single Vee & Bevel Groove	AMBIENT	N/A	25.AUG.2020 (RS)

### 3.1 WPS 승인 관리대장

[illegible]

## 3.2 자격 인증서



ISO 9001:2015



ISO 45001:2018



HQSC

## 3.3 선급 별 WPS 인증서

**RUSSIAN MARITIME REGISTER OF SHIPPING**  
RMRS LLC

47391 Korea, Busan, Bupyeong-Gu,  
Jungang-dong 639, 23rd Fl.  
(Beomcheon-dong, MGM Tower Bldg.)  
부산시 부산진구 용정대로 639, 23층  
(보문동, 엠지타워 빌딩)

T: +82 51 915 2000  
F: +82 51 915 2001  
E: k.korea@rmrs.com.org  
I: www.rmrs.org

Our ref.: 296-381-7-188989      Date: 05.08.2020  
Your ref.:      Date: 30.07.2020

**SEYOUNG ENG. CO., LTD.**  
S.B. KANG / President

Subject: Application for approval of WPS

Dear Sirs,

Please be advised that the Welding Procedure Specifications (WPSs) with supporting Procedure Qualification Records (PQRs) for welding have been reviewed in compliance with the requirements of RS Rules for the Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2020 with following results:

WPS No.	Rev. No.	PQR No.	Status
SYGT-001	0	QSYGT-001-A QSYGT-001-B	Approved
SYGT-FC-001	0	QSYGT-FC-001-A QSYGT-FC-001-B	Approved
SYDUGT-001	0	QSYDUGT-001A QSYDUGT-001B	Approved
SYLGT-002	0	QSYLGT-002	Approved

Best regards,  
Director RMRS LLC in Korea      Andrey Fomolko

Executory: A. Davidenko  
Tel: 010 3834 9374

RS

**ABS**  
PACIFIC DIVISION

13 November 2020  
Refer to: HKJlyhn  
File Ref.: ML-4-7  
Ltr No.: 006513902  
PID 9704590/-/2.0

**SE YOUNG ENG CO., LTD.**  
146-2, Gaegeok Ri  
Oedang Eub  
Kosongin, Korea

Attn: Mr. C. Park, Senior Manager

Welding Procedure Qualification Test Record

Gentlemen:

We have your letter of 17 October 2020 (Ref.: SY-00-10-094) submitting three (3) prints of the booklet including the following drawings:

PQR No.: QSYGT-FC-001      "GTAW + FCAW - Groove Joint Welding"  
QSYGT-001      "GTAW - Groove Joint Welding"  
QSYGT-002      "GTAW - Groove Joint Welding"

We have reviewed the above drawings and advise that the procedures as indicated will be acceptable provided the production weld is to the satisfaction of the attending Surveyor.

One (1) print of the above drawing booklet stamped to indicate our review is being returned herewith.

Very truly yours,  
ABS PACIFIC  
Ryan Soo Beung,  
Manager of Engineering

By: Lutz G. Mehl,  
Principal Engineer - Hull

cc: ABS Pacific, Ulsan - W/P

ABS PACIFIC, 9 THPL, DONG JU BUILDING, 9FL, 8-KA, CHUNGKANG-DONG, CHUNG-KU, ULSAN  
MAILING ADDRESS: C.P.O. BOX 111, PUSAN 480-0101, KOREA  
TEL: 051-404-8100, 404-8101 FAX: 051-404-4000

ABS

**DNV GL**

**Se Young Eng. Co., Ltd.**  
Attn: S. M. Yul, Manager of Q.A. Dept.  
1347-1, Nangcheon-eui, Oidong-eup,  
Kyungju 760-824

**DNV Korea Ltd**  
Region Korea & Japan  
HMD Ships  
Dong Ulsan P.O.Box 30  
Ulsan 680-600  
Republic of Korea  
Tel: +82 52 232 5835  
Fax: +82 52 232 5837  
Reg. No.: 201-01-65333

Date: 2015-06-04      Our reference: MROKR152/TKRM/  
Gen-Class/PUS-1-34059      Your reference:

Approval of Annual Audit for "Pipe Fabrication Shop"  
Reference is made to your letter dated 2015-06-02.

Dear Sir:

Annual Audit was carried out at **Se Young Eng. Co., Ltd.** on 2015-06-04 in order to verify compliance with DNV Rules Pt.1 Ch.1 Sec.2 A200 & Pt.2, Ch.3 Sec.2 A200 - "Requirement for Builder or Designer".

The result from the audit was found satisfactory and consequently our approval has been granted for one (1) year period from the annual audit date.

Please be informed that "Unscheduled Audit" will be carried out by a DNV GL surveyor within the validity of approval depending on the observed manufacturing quality.

Possible non-conformities revealed during "Unscheduled Audits" are to be rectified in a timely manner by **Se Young Eng. Co., Ltd.** in order to maintain continuing approval.

The application for annual audit is to be submitted to DNV GL HMD Station not later than 2 months before expiry.

Sincerely,  
for DNV Korea Ltd  
Taek Kyung Jin  
Senior Surveyor

Mobile: +82 10 9495 2376  
Direct: +82 52 259 6861  
Kyung-Su.Ou@dnv.com

Mobile: +82 10 3121 3813  
Direct: +82 52 259 6848  
Taek.Kyung.Jin@dnv.com

DNV GL HMD Station, Vestreholmen 1, P.O. Box 330, 1322 Hordvik, Norway. Tel: +47 67 97 99 00, www.dnvgl.com

DNV

**Lloyd's Register**  
CEOC

WELDING PROCEDURE APPROVAL TEST CERTIFICATE  
Page 1 of 2

Manufacturer's Welding Procedure: SYGT-FC-001      Inspecting Authority: Ulsan  
Reference No.: QSYGT-FC-001      Reference No.: UL6 0000034/1

Manufacturer: SE YOUNG ENG. CO., LTD.  
Address: 146-2 Gaegeok Ri, Oedang Eup, Kyungju, Korea

Code/Testing Standard: ASME Sec. IX  
Date of Welding: 5 Sep 2002

RANGE OF APPROVAL

Welding Process:	GTAW + FCAW
Joint Type:	BUTT & FILLET
Parent Metal Group:	CARBON STEEL PIPES
Parent Metal Thickness [mm]:	5.5 TO 12MM
Pipe Outside Diameter [mm]:	N/A
Filler Metal Type/Designation:	GT: AWS AS18 E80T8-G, FC: AWS AS28 E7T1-T
Gas/Flux:	GT: Ar, FC: CO2
Type of Welding Current:	GT: DCEP, FC: DCRP
Welding Position:	ALL
Preheat:	N/A
Post Weld Heat Treatment:	N/A
OTHER INFORMATION	

Certified that test welds were prepared, welded and tested satisfactorily in accordance with the requirements of the code/testing standard indicated above.

Location: Ulsan      Date of Issue: 16 Oct 2002      Name and Signature of Surveyor

Inspecting Authority:  
CEOC Marine Engineering  
Lloyd's Register

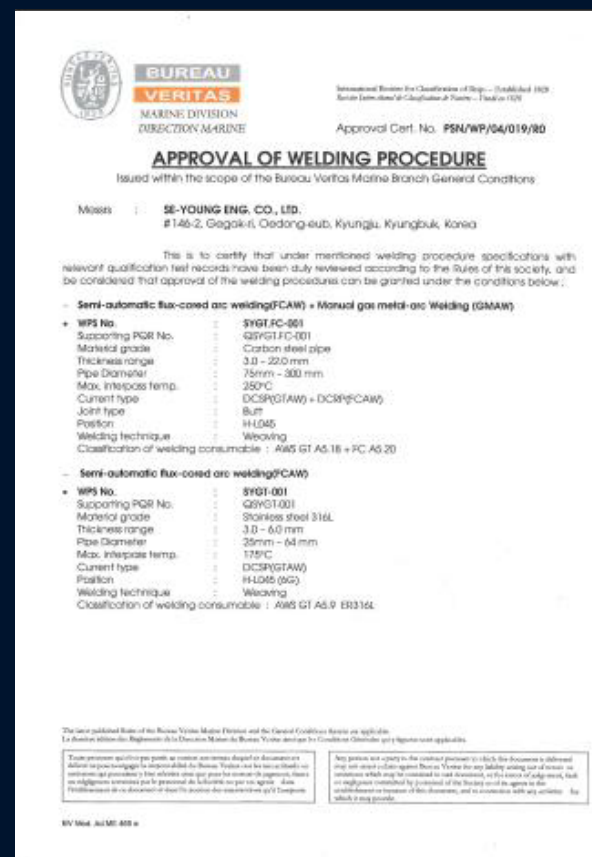
K. S. Cho

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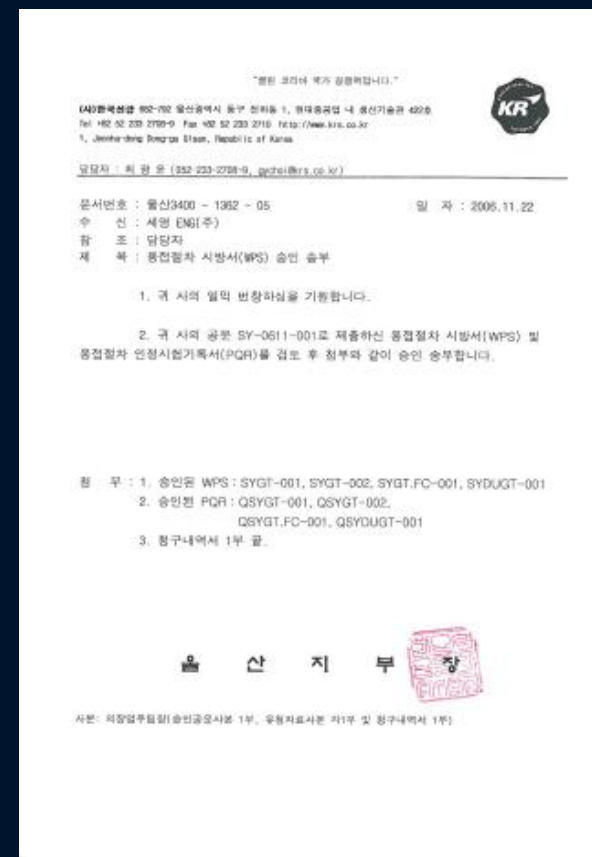
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LR

### 3.3 선급 별 WPS 인증서



BV



KR

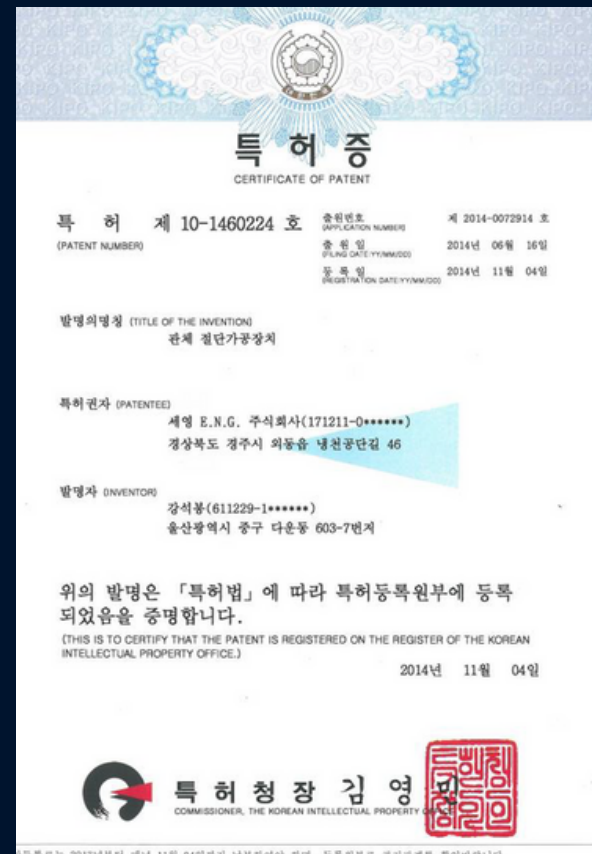


GL

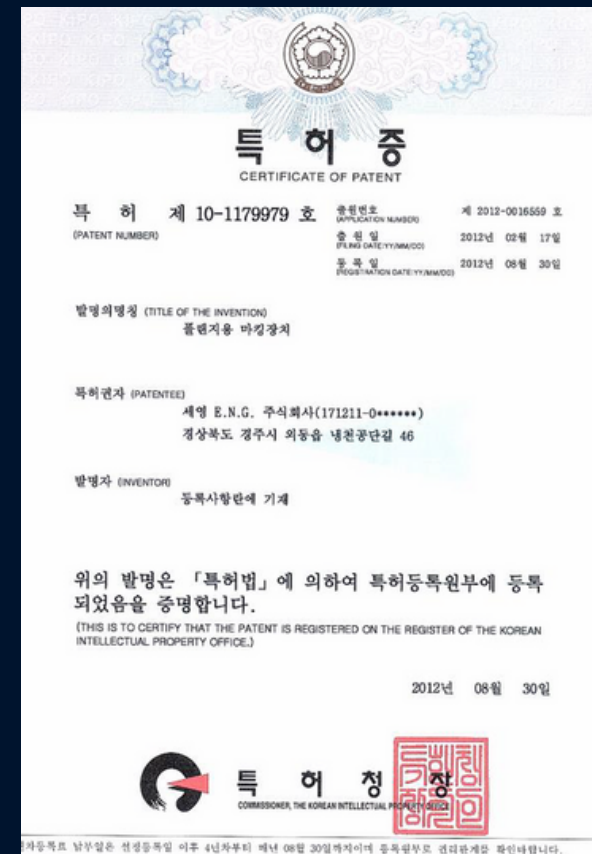


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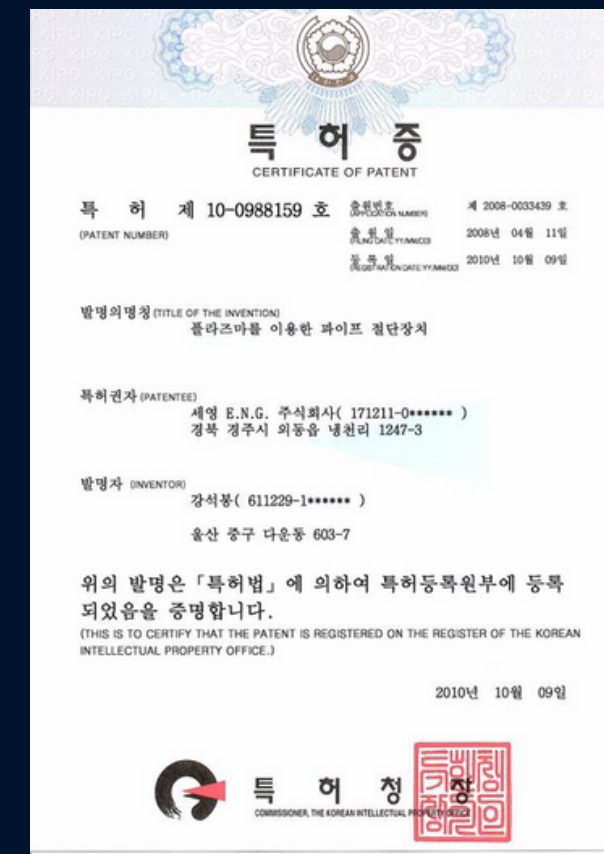
## 3.4 특허



PIPE CUTTING M/C

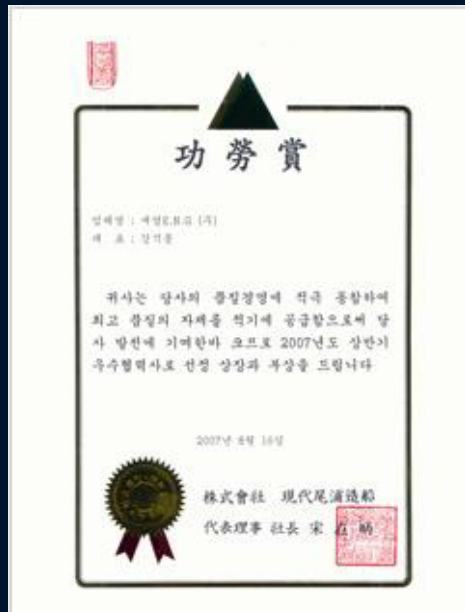


FLANGE MARKING M/C



PIPE CUTTING M/C

## 3.5 수상 경력



**2007**  
**Hyundai**  
**Mipo Dockyard Co.,Ltd**



**2008**  
**Export Tower as**  
**\$5 Million**



**2009**  
**Hyundai**  
**Mipo Dockyard Co.,Ltd**



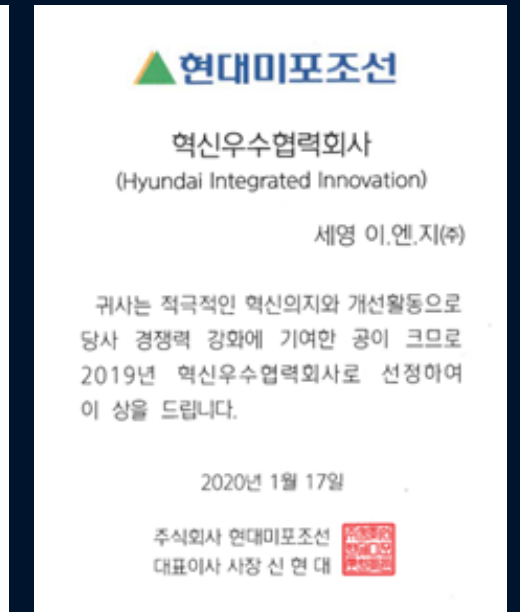
**2013 The Best partner**  
**from Hyundai Heavy**  
**Industries**  
**Co.,Ltd**



**The Best company for**  
**Win Win Growth**  
**2013 Hyundai**  
**Mipo Dockyard Co.,Ltd**

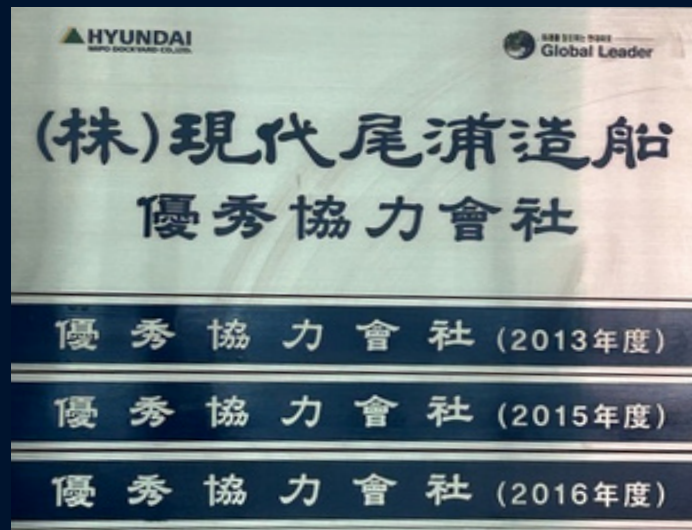


**2019 The Integrated**  
**Quality from**  
**Hyundai**  
**Mipo Dockyard Co.,Ltd**



**2020 The Integrated**  
**Innovation from**  
**Hyundai**  
**Mipo Dockyard Co.,Ltd**

## 3.5 수상 경력



2013, 2015, 2016  
The Integrated Quality  
from Hyundai  
Mipo Dockyard Co.,Ltd



2018 The Integrated  
Quality from  
Hyundai  
Mipo Dockyard Co.,Ltd



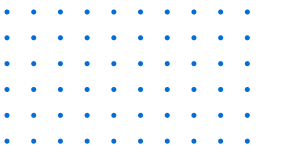
2019 The Integrated  
Quality from  
Hyundai  
Mipo Dockyard Co.,Ltd



2021 The Integrated  
Quality from  
Hyundai  
Mipo Dockyard Co.,Ltd



2024 The Integrated  
Quality from  
Hyundai  
Mipo Dockyard Co.,Ltd



## 3.6 전시회



**2013 CHANGWON  
WELDING&CUTTING SHOW**

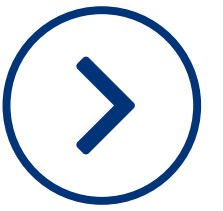
**2014 CHANGWON  
WELDING&CUTTING SHOW**

**2015 BUSAN BEXCO  
WELDING&CUTTING SHOW**



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# 기타



- 회사 전경
- 회사 약도

## 4.1 회사 전경

 사무동



사무동 전경



회의실



사무실 내부

# 4.1 회사 전경

 공장



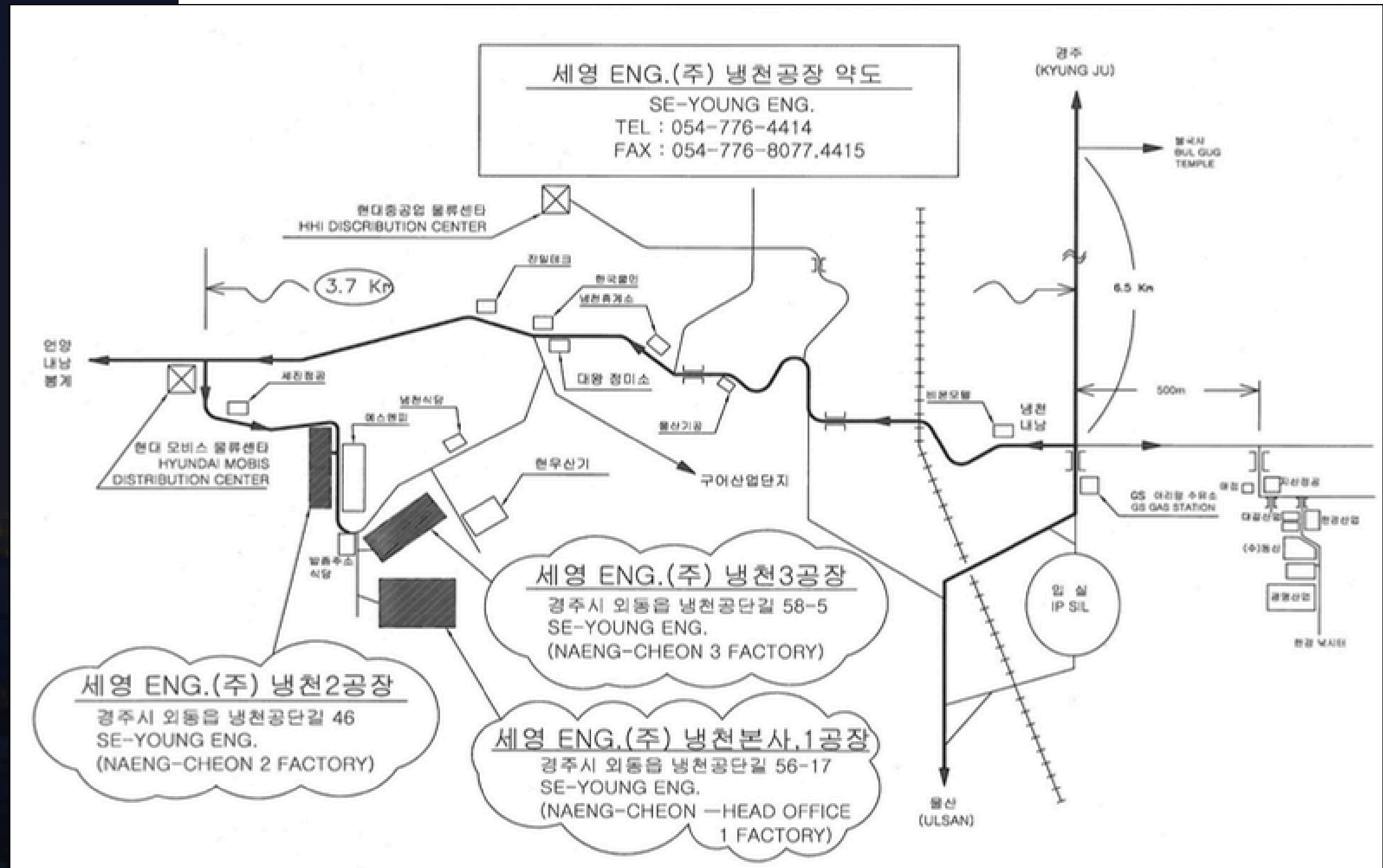
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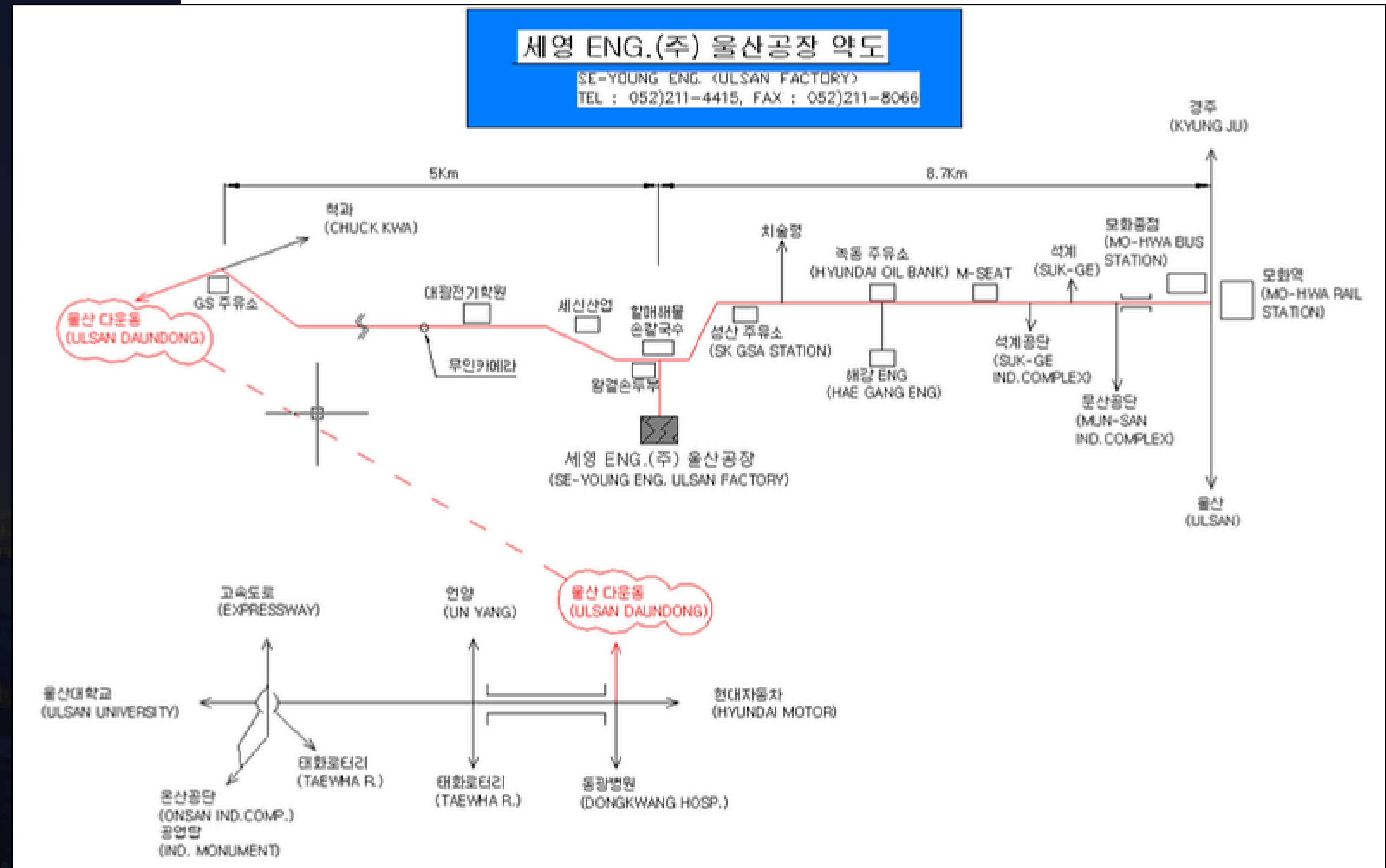
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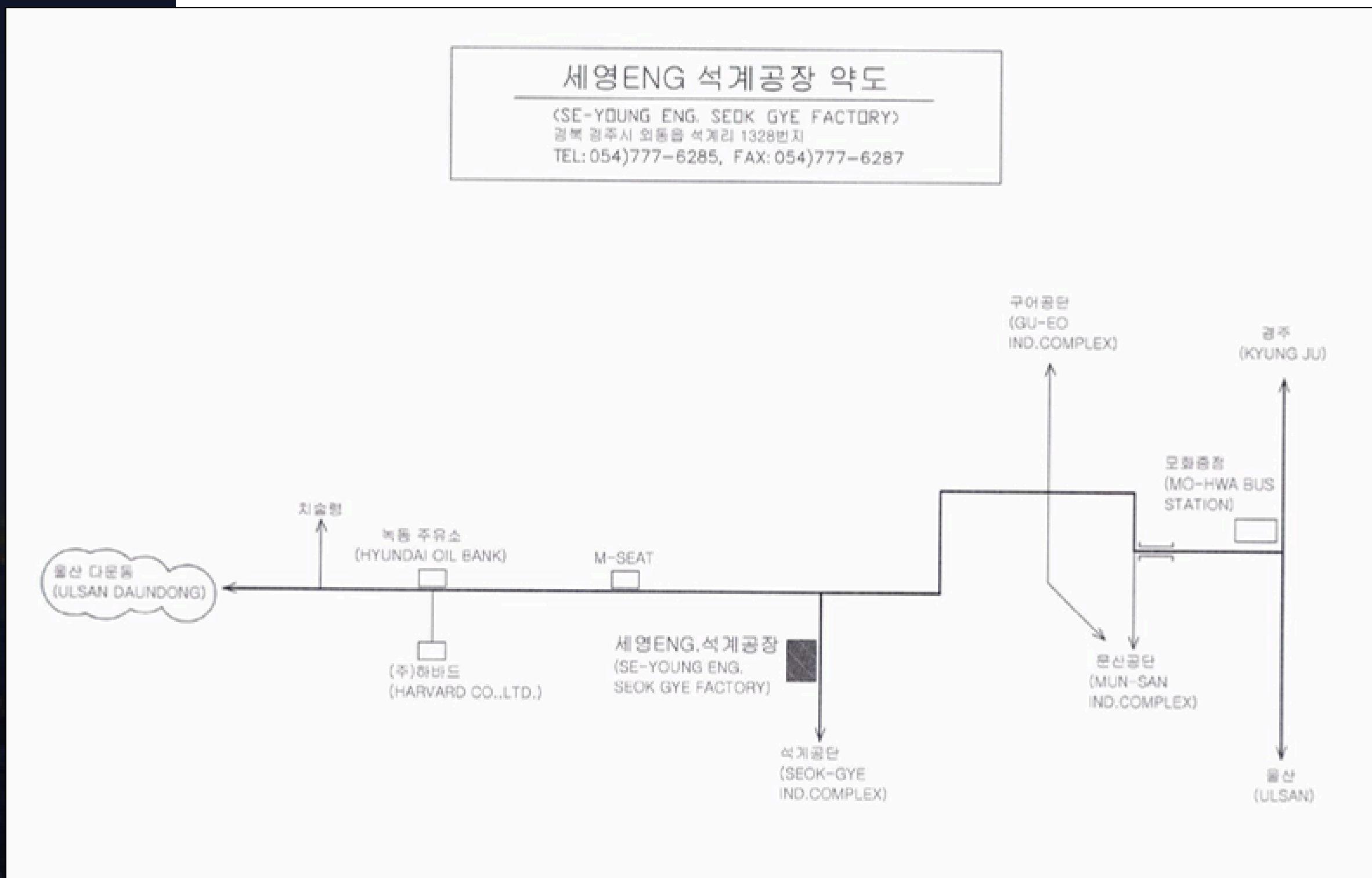
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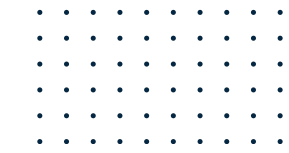
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### • 석계공장



# 4.3 해외 공장 전경

 해외 지사



해외 공장 전경



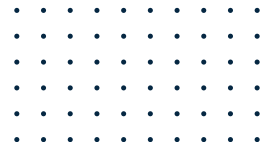
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사무동 내부



사무동 내부



## 4.3 해외 공장 전경

 해외 지사



## 4.3 해외 공장 전경

 해외 지사



# 4.3 해외 공장 전경

 해외 지사





**Add** 경상북도 경주시 외동읍 냉천공단길 56 - 17

**Tel** (054) 776-4414

**Fax** (054) 776-8077(1층) / (054) 776-4415(2층)

**E-mail** sye4414@hanmail.net

**Ext**

- 1.총무 / 구매
- 2.자재
- 3.영업
- 4.건설 & 도면 관리
- 5.품질 보증
- 6.생산 관리
- 7.출하& A/S

**Url** [www.seyoungeng.com](http://www.seyoungeng.com)

