

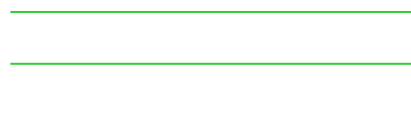


# Corporate Profile

FY2021/2022



株式會社 桂 岩  
Kyeam Technologies Co., Ltd.



## LIST OF CONTENTS

- Company Overview
- Corporate Chronology
- Top Message
- Business Policies
- Organization Composition
- Performance Certificates
- Production Capacity
- Business Area
- Strength
- Fabrication Flow & Quality Control Step
- Production/Re-sale Categories
- Fabrication Items
- Re-sale Items
- Affiliates' Specializations
- Key Clientele
- Major Supply Record



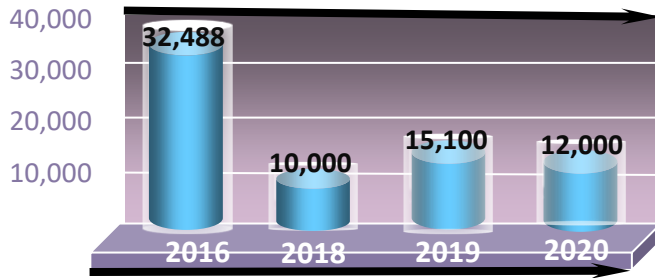
株式会社 桂岩  
Kyeam Technologies Co., Ltd.



**Delivers satisfaction to customers and  
partners to make the future more successful.**

## Company Overview

1. **Company Name** : Kyeam Technologies Co., Ltd.
2. **Foundation** : Mar. 1998
3. **President** : Hyun-Bong, Chung
4. **Type of Business** : Piping Spool Fabrication, Strainer & Piping & Instrumentations Resales
5. **Website** : [www.kyeam.com](http://www.kyeam.com)
6. **Latest Sales Record** (Unit : 1,000USD)



### Head Office

1503, 101-dong DaesungSkyRex, 95, Sambong-ro, Jongno-gu, Seoul, 03150 Korea  
Tel : +82-2-2615-1391, Fax : +82-2-2615-1392  
E-Mail : [sales@kyeam.com](mailto:sales@kyeam.com)

### Factory #1 (7,900 m<sup>2</sup>)

3667, Bocheong-daero, Hoein-myeon, Boeun-gun, Chungcheongbuk-do, 28927 Korea  
Tel : +82-43-544-8411, Fax : +82-43-544-8412

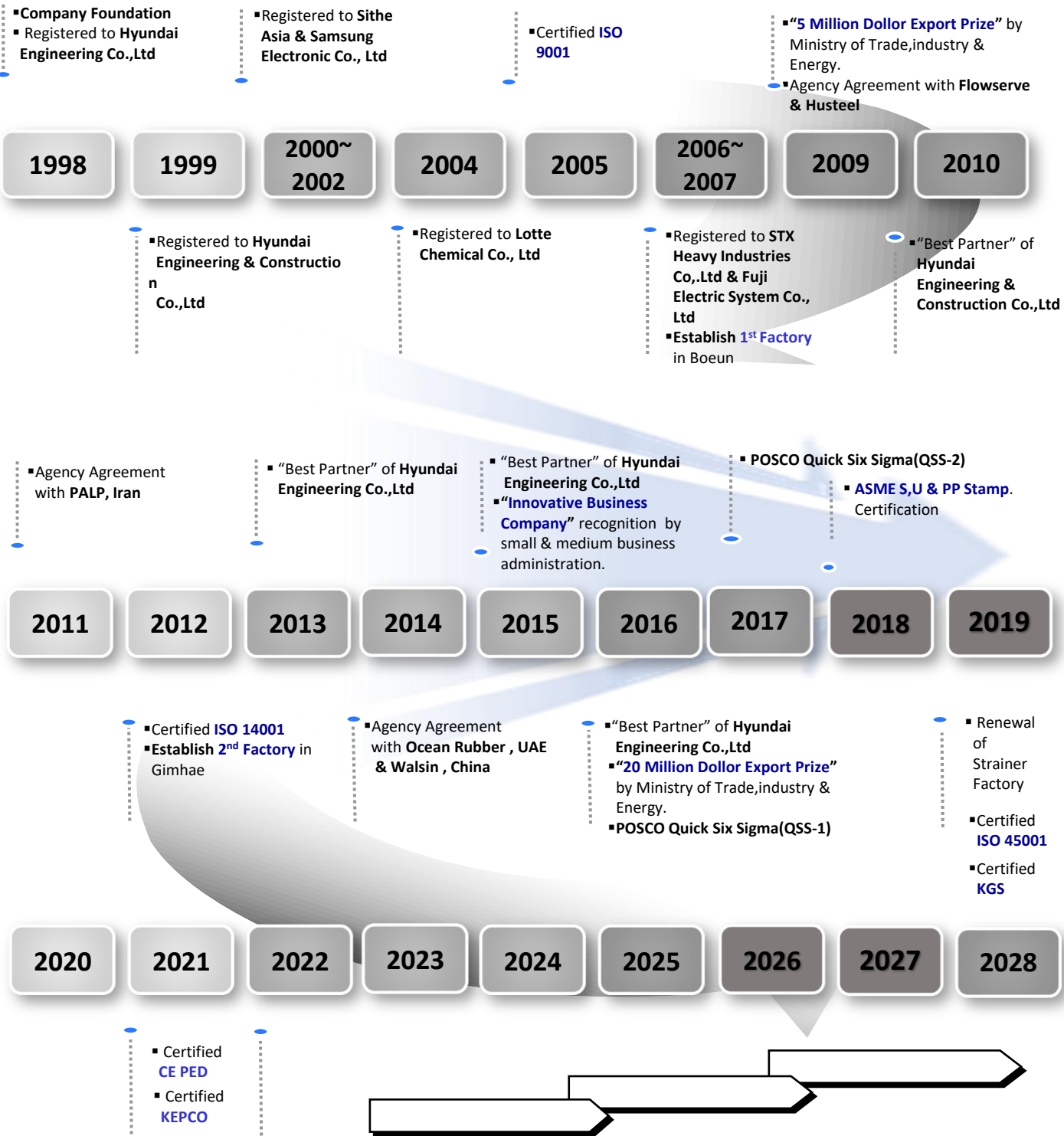
### Factory #2 (Main : 12,000 m<sup>2</sup> , Annexed : 6,700 m<sup>2</sup>)

1458-32, Gimhae-daero, Hallim-myeon, Gimhae-si, Gyeongsangnam-do, 50653 Korea  
Tel : +82-55-723-2721, Fax : +82-55-723-2720  
E-Mail : [factory@kyeam.com](mailto:factory@kyeam.com)

### Factory #3 (3,300 m<sup>2</sup>)

012 Sorae-ro Daegot-myeon Gimpo-si, Gyeonggi-do, 10040 Korea  
Tel : +82-2-2615-1391, Fax : +82-2-2615-1392

# CORPORATE CHRONOLOGY



## Top Message



“Since the inception of our business in serving EPC industries with plant piping fabrications and instruments twenty years ago, our growth has been achieved in parallel with our efforts to meet up the expectation of our customers.

In this continuum, we have consistently expanded the boundary of our business endeavor to the entire world.

We believe that we just made a first, but giant step. We will continue to leap our steps for customer satisfaction with quality and punctuality of our products.”

Hyun-bong, Chung



Kyeam Technologies Co., Ltd.

• **Identity**

*Creative value and fulfil the Socially and Environmental Responsibility for Customer Satisfaction and Sustainable Growth*

• **Catchphrase**

*Future! to the World*

• **Management Philosophy**

*Customer*

*Credibility*

*People*

*Customer Surprises  
Customer Satisfaction  
Social Responsibility  
Quality First*

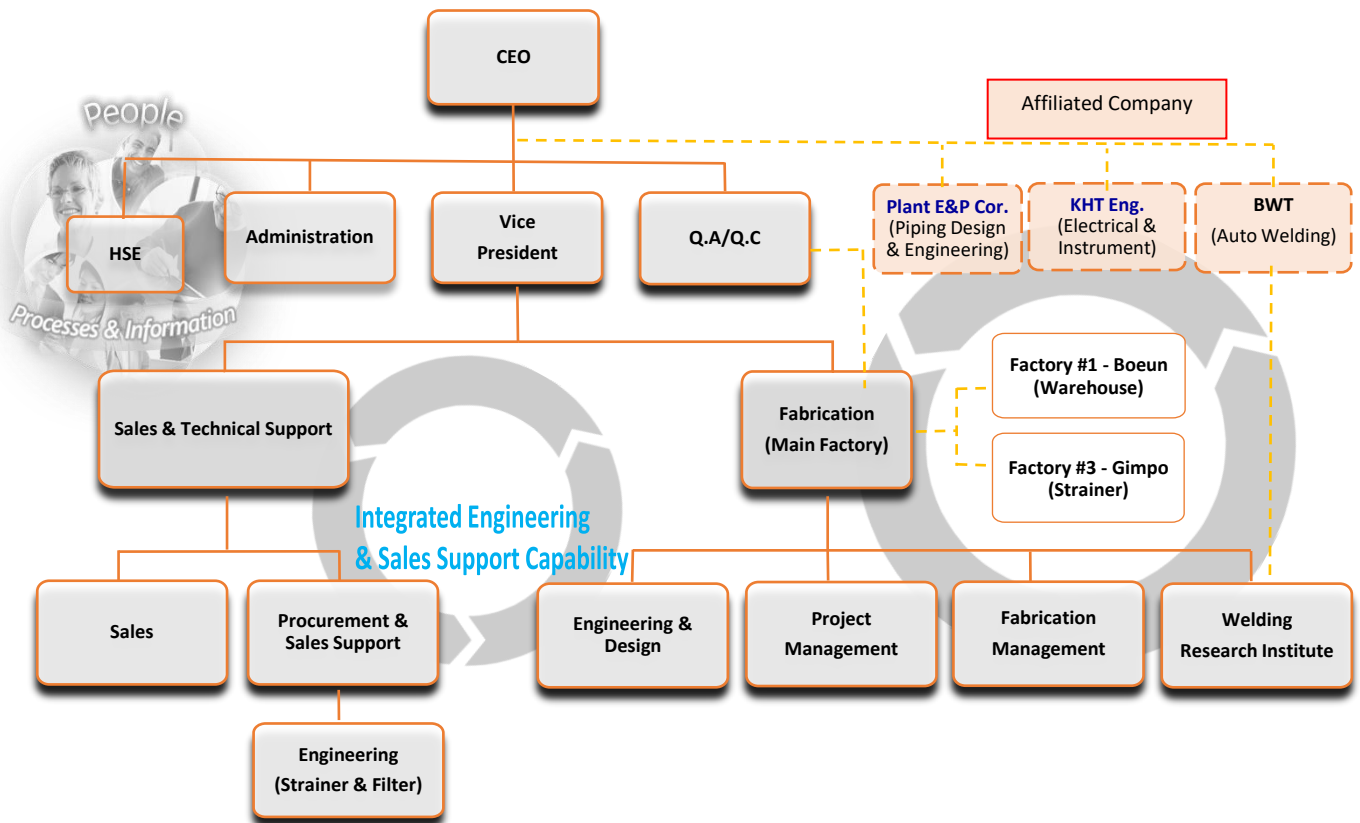
*Promise Observance  
Compliance of Principle  
Ethics & Commitment  
Environmental Manage.  
Responsibility*

*People –Oriented  
Humanistic Culture  
Challenge spirit  
Mutual Respect  
Safety-first*

*One of the Leading Piping Fabricator  
in the World*

**The Customer first, Credibility and human-centric philosophies of our company are the driving force behind everything we do.**

## ORGANIZATION COMPOSITION



### Contact Us :

#### Sales

Tel. : +82-(0)2-2615-1391  
 Fax.: +82-(0)2-2615-1392  
 E-mail : [sales@kyeam.com](mailto:sales@kyeam.com)  
 Website : [www.kyeam.com](http://www.kyeam.com)

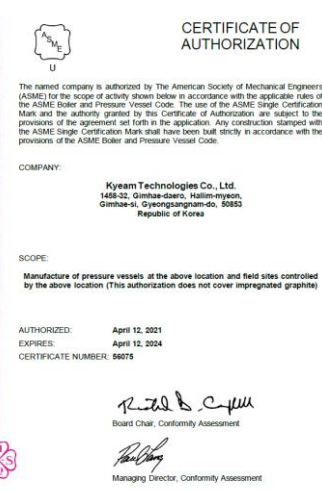
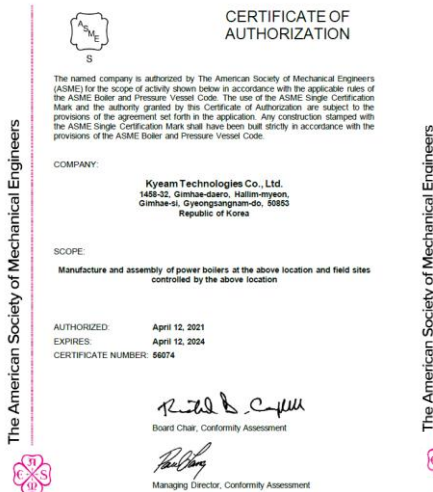
#### Factory

Tel. : +82-(0)55-723-2721  
 Fax.: +82-(0)55-723-2720  
 E-mail : [factory@kyeam.com](mailto:factory@kyeam.com)



# PERFORMANCE CERTIFICATES

## Quality System & Certificates



Power Boilers



Pressure Vessel



Pressure Piping

## ASME S, U & PP Certificates



한국가스안전공사

KGS Certificate



PRESSURE EQUIPMENT  
CERTIFICATE





## Customer Registration (Overseas)

[illegible]

**Petronas**  
(Tubing, Pipe, Fitting, Strainer, Valves)

شركة البترول الوطنية الكويتية  
K.N.P.C. KOWLEH PETROLEUM COMPANY  
K.N.P.C. KOWLEH PETROLEUM COMPANY

KNPC

شركة البترول الوطنية الكويتية  
K.N.P.C. KOWLEH PETROLEUM COMPANY

VENDORS & CONTRACTORS EVALUATION COMMITTEE

M/S. KYAM TECHINDUSTRIES CO. LTD.  
#1265, JONGNO 1-GA DAESUNG SKYREX 95  
SAMBONG-RO, JONGNO-GU, SEOUL  
REPUBLIC OF KOREA

DATE: 08-Oct-2017  
REF: V/C-V-5431-17-1580L  
FILE NO: V-5451

SUBJECT: VENDOR APPROVAL  
GENTLEMEN,

REFERENCE TO YOUR APPLICATION SUBMITTED ON 06/08/2017 ON THE ABOVE SUBJECT, YOUR COMPANY IS  
APPROVED AS A VENDOR EFFECTIVE 08/10/2017 FOR THE SUPPLY OF THE FOLLOWING PRODUCT(S) FOR  
K.N.P.C. REFINERIES:

PRODUCT DESCRIPTION  
15 50 STRAINERS

THE COMPANY (VENDOR) CODE ALLOCATED TO YOUR COMPANY IS 1004587.

PLEASE ENSURE TO QUOTE THIS CODE AND ABOVE FILE NO. ON ALL YOUR FUTURE CORRESPONDENCE

VERY TRULY YOURS

  
OUSAMA H. SHAMMAS  
CHAIRMAN, V&C/E

VF  
M/ 06/17/ eka

NOTE: APPROVAL VALIDITY IS UPTO 07/10/2022

PLEASE REFER OVERLEAF FOR INSTRUCTIONS

Page | 1 |

المكتب الرئيسي لشركة البترول الوطنية الكويتية - 70 شارع 2021، سالت - الكويت - 22389906  
Head Office: K.N.P.C. KOWLEH PETROLEUM COMPANY - P.O. Box: 70 Salatah 2021, Salatah - Kuwait - Tel: 22389906 www.knpsc.com C.R. : 9149 Capital : 290,000,000

**KNPC**  
(Strainer, Code:  
1004587)



# JSRS

joint supplier  
registration system

## CERTIFICATE OF APPROVAL

Awarded to

---

KYEAM TECHNOLOGIES CO LTD

---

As an Approved Supplier to the Oil Man & Gas Industry's Joint Supplier Registration System (JSRS)

Country of Origin : <u>Korea, Republic</u>	JSRS Supplier Code : <u>KR100136</u>	
Registration Date : <u>15-10-2018</u>	Valid till : <u>15-10-2024</u>	
Special Status : <u>Not Applicable</u>	National SME Classification : <u>Not App</u>	



**businessgateways**  
INTERNATIONAL



**MINISTRY OF ENERGY**



This Certificate is issued for supplying Products & Services to Oil & Gas and other related industries in Oman and is not valid to  
from other Governmental or Non-Governmental agencies.







7


FORM NO. JSRS-0001-0001-0001-0001

### CERTIFICATE OF

Registration Number	EAS
Company Name	Kye
Factory Address	143
	Gen
	of A
Item	Sho
Period of Validity	200
Remarks	

**JSRS (Oman Oil & Gas)**  
(Strainer & General Supplier)

Issue NO: 21-05-2021-0457-0458-0459-0460	
	
<b>CERTIFICATE OF A QUALIFIED SUPPLIER</b>	
Registration Number <b>EASYU2021-08026</b>	
Company Name <b>Karim Technologies Co. Ltd</b>	
Factory Address <b>1438-32, Girinahalli Road, Hallyur, Mysuru, Karnataka, 575002, India</b>	
Item <b>Shop Fitted ASME B31-1 Piping</b>	
Period of Validity <b>2021-05-03 ~ 2024-05-02</b>	
Remarks <span style="float: right;">1</span>	
<p>             This is to certify that the above mentioned company has been registered as the qualified supplier of <b>ASME B31-1 PIPING</b>, of <b>ITEM NO. 21-05-03</b> of the tender for the standard of integrated management of material &amp; equipment supplier.           </p>	
<b>2021. 05. 06</b>	
 <b>EASU SOUTHERN POWER CO., LTD.</b>	 <b>KARIM TECHNOLOGIES CO. LTD.</b>
 <b>EASU HEBU POWER CO., LTD.</b>	 <b>KARIM TECHNOLOGIES CO. LTD.</b>
 <b>EASU KANARA POWER CO., LTD.</b>	 <b>KARIM TECHNOLOGIES CO. LTD.</b>

KYEAM TECHNOLOGIES CO.,LTD. - Approved	
GSID 1289	Requested On 2017/09/22
 <b>Petrofac</b> <b>Petrofac</b> <b>(Piping &amp; Instruments)</b>	
Company Legal Name *	Kyeam Technologies Co., Ltd.
Supplier Code	K000000600

  
TECNICAS REUNIDAS  
**Tecnicas Reunidas**  
(Vendor code : K0000000600, Piping & Instruments)



## PERFORMANCE CERTIFICATES

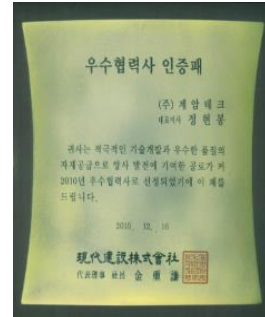
### Export Prize & Performance Award



#### Export Prize

2009 Year : 5 Mill. USD

2016 Year : 20 Mill. USD






#### Performance Award for Accredited Vendors.

(Hyundai E & C, Hyundai Eng. & SK )

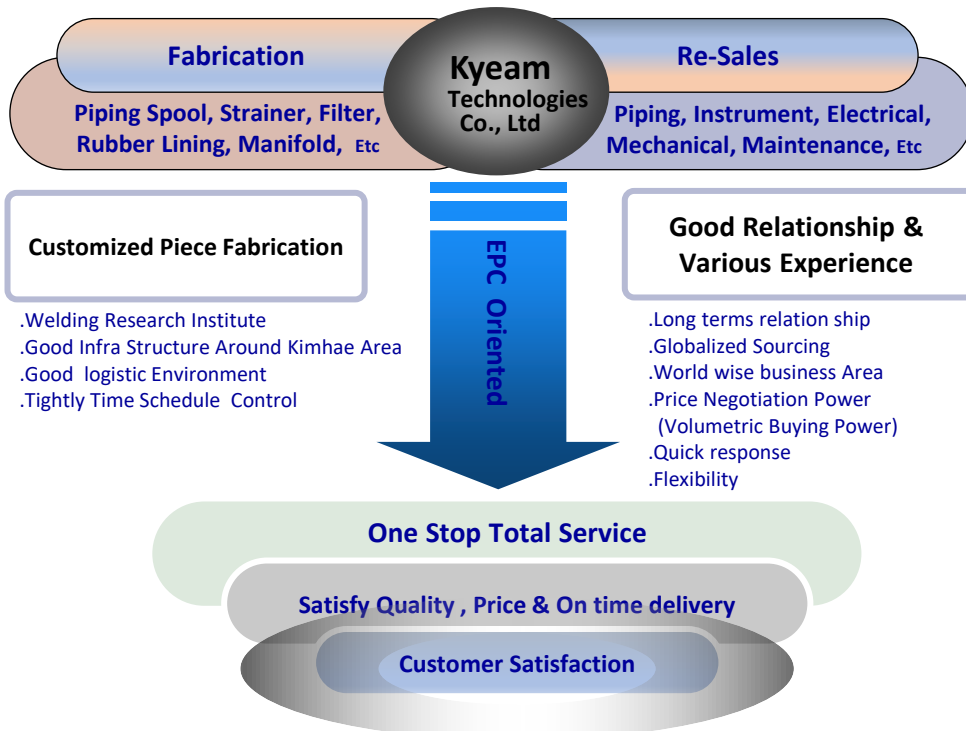
PRODUCTION

CAPACITY

Description	Factory #1 (Warehouse) 	Factory #2 (Main Factory) 	Factory #3 (Strainer Factory) 	Remarks
Land	7,900 M <sup>2</sup>	12,000 M <sup>2</sup> /6,700 M2	3,300 M2	
Office BLDG	260M <sup>2</sup>	400 M <sup>2</sup>	100 M2	
Work Shop BLDG	510M <sup>2</sup> 490M <sup>2</sup>	2,000 M <sup>2</sup> 1,200 M <sup>2</sup>	500 M <sup>2</sup>	Annexed : 1,000 M <sup>2</sup>
Major Equipment List	Overhead Crane 5T – 3 sets Overhead Crane 2.5T – 1 set Fork Lift	Overhead Crane 50T - 1 Set Overhead Crane 30T - 1 Set Overhead Crane 20T - 3 Set Overhead Crane 10T - 2 Sets Overhead Crane 5T- 3 Sets RT Room (40 M <sup>2</sup> ) Drill Machine/Band Saw Welding Machine/Auto Welding Machine Gouging/Cutting Machine Rotator/Turning Roller Bending Saw Drilling / NC Boring Machine PMI Machine Fork Lift/Truck Electric Hydraulik Jockey Compressor/Hydro Test Equipment	Overhead Crane 5T - 1 Set Overhead Crane 3T - 1 Set Welding Machine Spot welding Machine Lathe Machine Drilling Machine Sharing Machine Bending Machine Cutting Machine Fork Lift Hydro Test Equipment	
Annual Production Capacity	Operating Warehouse	35,000 Ton (CS Spool Base) 350,000 D/I (CS -10" STD Base)	500 Ton	
Infra Distance	Machining : 30 Km Heat Treatment Shop : 50Km Painting Shop : 30 Km	Heat Treatment Shop : 2Km Painting Shop : 3~5km		



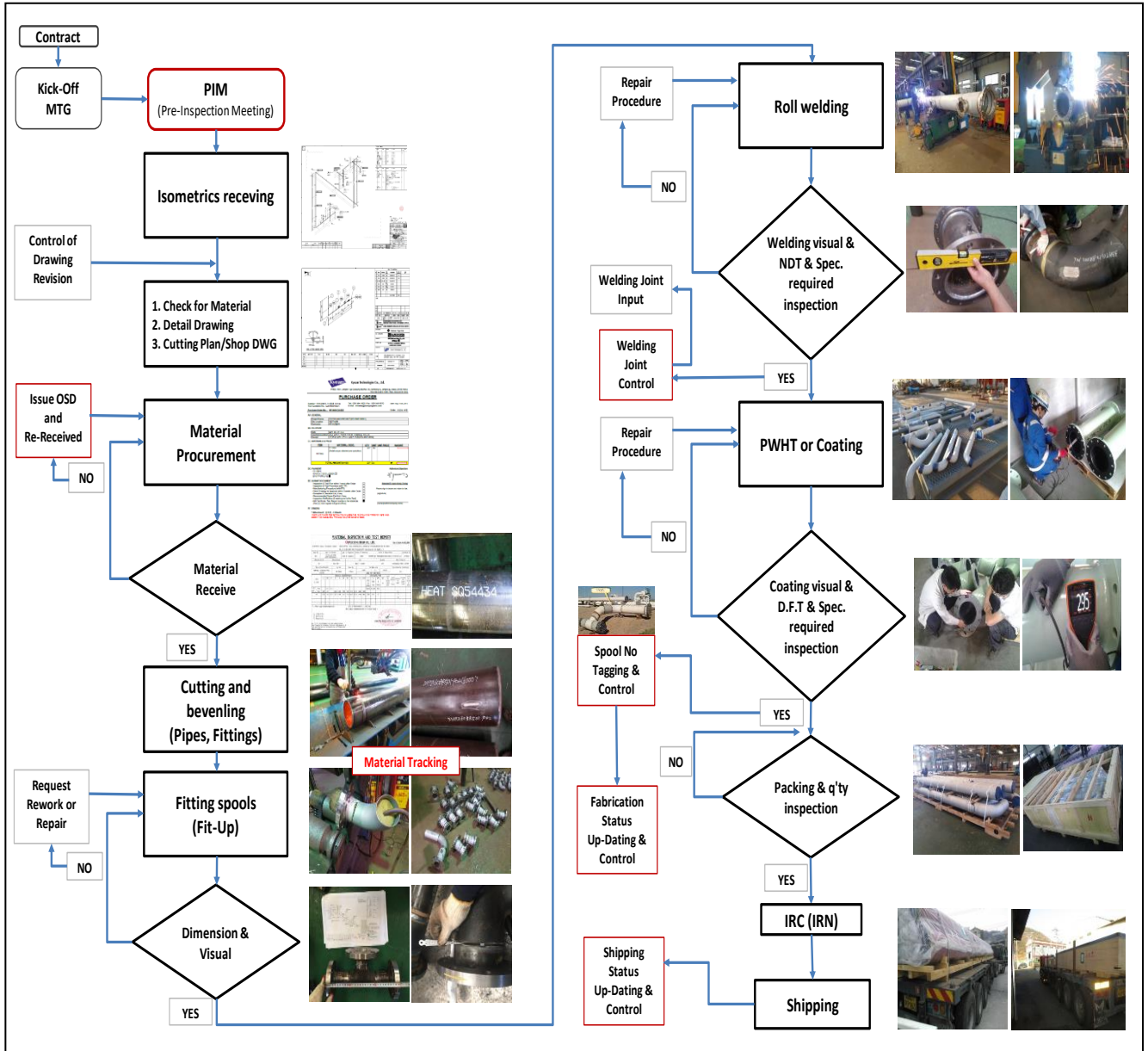
## BUSINESS AREA & FIELD






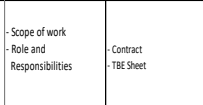
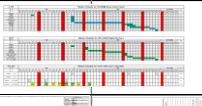
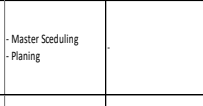

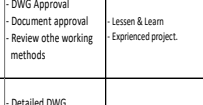

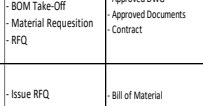

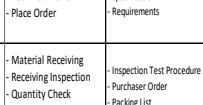
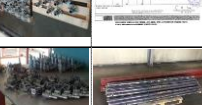
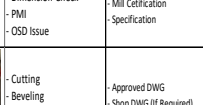



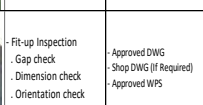

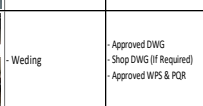



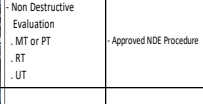

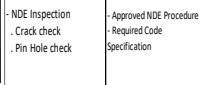



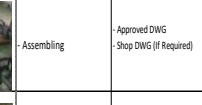

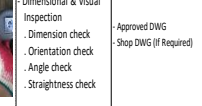

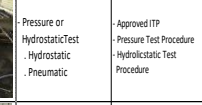

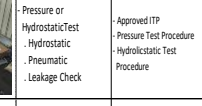

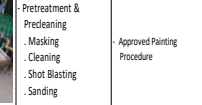

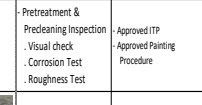

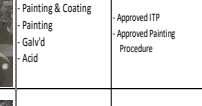

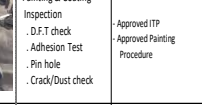

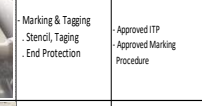

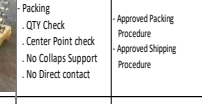





## SPOOL FAB. FLOW & QUALITY CONTROL STEP


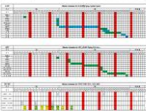
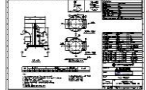
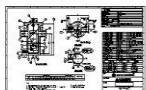






















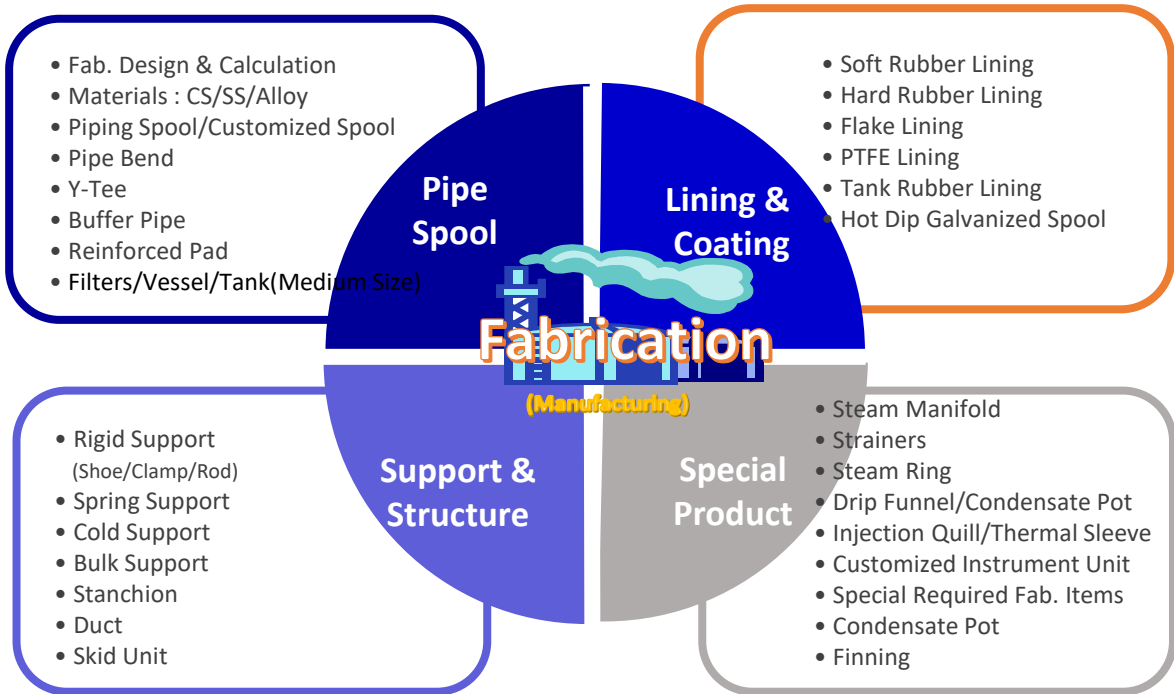
# MANIFOLD FAB. FLOW & QUALITY CONTROL STEP

No.	Step	Description			Reference Document	Relevant Departments
		Manifold Body Type	Fabricated Body Type	Main Work		
1	Work Order			- Scope of work - Role and Responsibilities	- Contract - TBE Sheet	- Sales Team
2	Scheduling & Planning			- Master Scheduling - Planning		- Project management team - Engineering Team - QA/QC Team - Production Team
3	Drawing & Document Approval			- DWG Approval - Document approval - Review other working methods	- Lessen & Learn - Experienced project.	- Engineering Team - QA/QC Team - Project management team - Sales Team
4	Detail Engineering			- Detailed DWG - BOM Take-Off - Material Requestion - RFQ	- Approved DWG - Approved Documents - Contract	- Engineering Team
5	Material Procurement			- Issue RFQ - Technical Review - Place Order	- Bill of Material - Specification - Requirements	- Procurement Team - Sales Support Team - Sales Team
6	Material Receiving & Receiving Inspection			- Material Receiving - Receiving Inspection - Quantity Check - Dimension Check - PMI - OSD Issue	- Inspection Test Procedure - Purchaser Order - Packing List - Mill Certification - Specification	- QA/QC Team - Production Team
7	Cutting/Beveling/Grinding			- Cutting - Beveling - Gridding	- Approved DWG - Shop DWG (If Required)	- Production Team
8	Fit-up			- Fit-Up	- Approved DWG - Shop DWG (If Required) - Approved WPS	- Production Team
9	Fit-up Inspection			- Fit-up Inspection - Gap check - Dimension check - Orientation check	- Approved DWG - Shop DWG (If Required) - Approved WPS	- QA/QC Team
10	Welding			- Weding	- Approved DWG - Shop DWG (If Required) - Approved WPS & PQR	- Production Team
11	Welding Inspection			- Welding Inspection - Welding Bead - Visual - Dimension	- Approved DWG - Shop DWG (If Required) - Approved WPS & PQR	- QA/QC Team
12	NDE			- Non Destructive Evaluation - MT or PT - RT - UT	- Approved NDE Procedure	- QA/QC Team - Production Team
13	NDE Inspection			- NDE Inspection - Crack check - Pin Hole check	- Approved NDE Procedure - Required Code Specification	- QA/QC Team
14	Assembly			- Assembling	- Approved DWG - Shop DWG (If Required)	- Production Team
15	Dimensional & Visual Inspection			- Dimensional & Visual Inspection - Dimension check - Orientation check - Angle check - Straightness check	- Approved DWG - Shop DWG (If Required)	- QA/QC Team
16	Pressure Or Hydrostatic Test			- Pressure or Hydrostatic Test - Hydrostatic - Pneumatic	- Approved ITP - Pressure Test Procedure - Hydrostatic Test Procedure	- Production Team
17	Pressure Or Hydrostatic Test Inspection			- Pressure or Hydrostatic Test - Hydrostatic - Pneumatic - Leakage Check	- Approved ITP - Pressure Test Procedure - Hydrostatic Test Procedure	- QA/QC Team
18	Pretreatment & Precleaning			- Pretreatment & Precleaning - Masking - Cleaning - Shot Blasting - Sanding	- Approved Painting Procedure	- Production Team
19	Pretreatment & Precleaning Inspection			- Pretreatment & Precleaning Inspection - Visual check - Corrosion Test - Roughness Test	- Approved ITP - Approved Painting Procedure	- QA/QC Team
20	Painting & Coating (Galv & Acid)			- Painting & Coating - Painting - Galv'd - Acid	- Approved ITP - Approved Painting Procedure	- Production Team
21	Painting & Coating Inspection			- Painting & Coating Inspection - D.F.T check - Adhesion Test - Pin hole - Crack/Dust check	- Approved ITP - Approved Painting Procedure	- QA/QC Team
22	Marking & Tagging End Protection			- Marking & Tagging - Stencil, Tagging - End Protection	- Approved ITP - Approved Marking Procedure	- Production Team
23	Packing			- Packing - QTY Check - Center Point check - No Collaps Support - No Direct contact	- Approved Packing Procedure - Approved Shipping Procedure	- Production Team
24	Packing Inspection			- Packing Inspection - Final Inspection - Shipping mark - Care Mark - IPPC Mark - IRN	- Approved ITP - Approved Packing Procedure - Approved Shipping Procedure	- QA/QC Team
25	Shipping				- Shipping Arrange - Inland Transportation	- Production Team - Sales Team

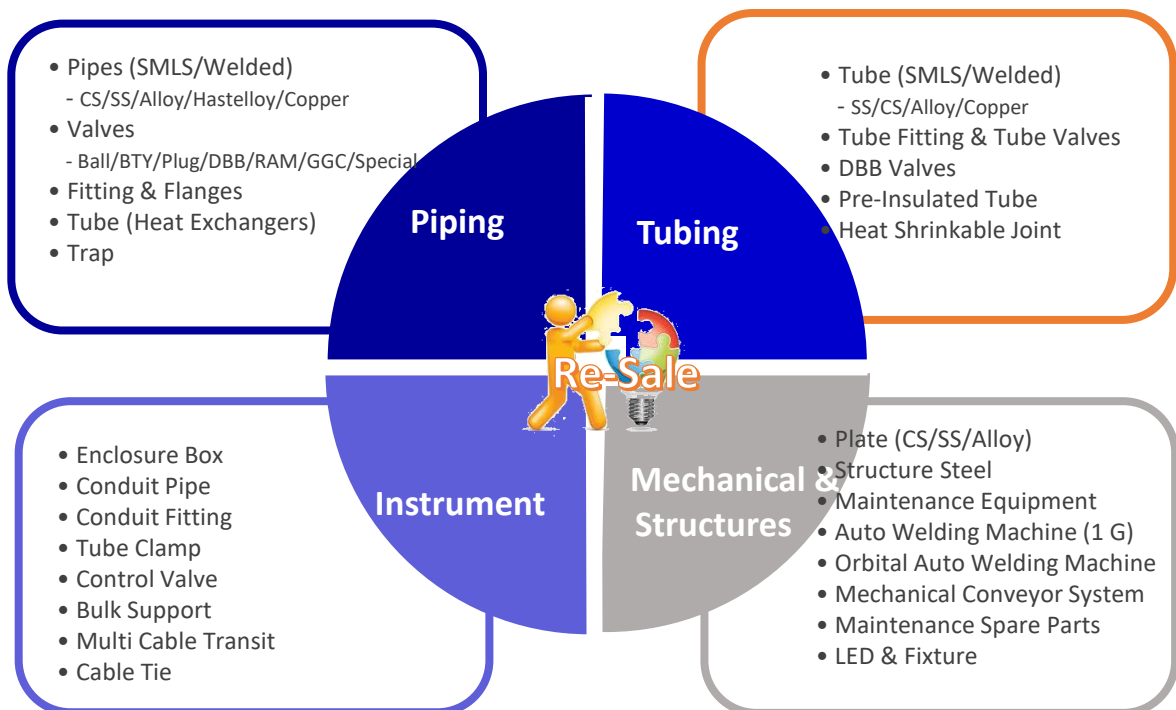
## STRAINERS FAB. FLOW & QUALITY CONTROL STEP

No.	STEP	Description		Reference Document	Relevant Departments
		Fabricated Type	Main Work		
1	Work Order		- Scope of work - Role and Responsibilities	- Contract - TBE Sheet	- Sales Team
2	Scheduling & Planning		- Master Sceduling Planning		- Project management team - Engineering Team - QA/QC Team - Production Team - Sales Team
3	Drawing & Document Approval		- DWG Approval - Document approval - Review othe working methods	- Lessen & Learn - Exprienced project.	- Engineering Team - QA/QC Team - Project management team - Sales Team
4	Detail Engineering		- Detailed DWG - BOM Take-Off - Material Requisition - RFQ	- Approved DWG - Approved Documents - Contract	- Engineering Team
5	Material Procurement		- Issue RFQ - Technical Review - Place Order	- Bill of Material - Specification - Requirements	- Procurement Team - Sales Support Team - Sales Team
6	Material Receive & Inspection		- Material Receiving - Receiving Inspection - Quantity Check - Dimension Check - PMI	- Inspection Test Procedure - Purchaser Order - Packing List - Mill Certification - Specification	- QA/QC Team - Production Team
7	Cutting & Machining (Pipe, Fitting, Guide)		- Cutting - Beveling - Gridding	- Approval DWG	- Production Team
8	Pipe & Fitting & Flange & Guide (Fit-up)		- Fit-up	- Approved DWG Approved WPS	- Production Team
9	Fit-up Inspection		- Fit-up Inspection - Gap - Dimension - Orientation	- Approved DWG Approved WPS	- QA/QC Team
10	Welding		- Welding	- Approved DWG Approved WPS & PQR	- Production Team
11	Welding Inspection		- Welding Inspection - Visual - Dimension - Welding Bead	- Approved DWG Approved WPS & PQR	- QA/QC Team
12	NDE / PWHT (If Required)		- Non Destructive Evaluation - MT or PT - RT - UT	- Approved NDE Procedure	- QA/QC Team - Production Team
13	NDE Inspection		- NDE Inspection - Crack check - Pin Hole check	- Approved NDE Procedure - Required Code Specification	- QA/QC Team
14	Element Fabrication		- Fabrication Element - Dimension Check	- Approved DWG	- Production Team
15	Hydrostatic Test Inspection		- Pressure or Hydrostatic Test - Hydrostatic - Leakage Check	- Approved ITP - Hydrostatic Test Procedure	- QA/QC Team
16	Cleaning (Preprocessing)		- Pretreatment & Precleaning - Masking - Cleaning - Shot Blasting - Sanding	- Approved Painting Procedure	- Production Team
17	Paintin & Coatig (Galv. & Acid Pickling)		- Painting & Coating - Painting - Galv'd - Acid	- Approved ITP - Approved Painting Procedure	- Production Team
18	Assembly Element /Cover Name Plate		- Assembling Element - Cover	- Approved DWG	- Production Team
19	Painting & Coating Inspection		- Painting & Coating Inspection - D.F.T check - Adhesion Test - Pin hole - Crack/Dust check	- Approved ITP - Approved Painting Procedure	- QA/QC Team
20	Packing		- Packing - QTY Check - Center Point check - No Collaps Support - No Direct contact	- Approved Packing Procedure - Approved Shipping Procedure	- Production Team
21	Packing Inspection		- Packing Inspection - Final Inspection - Shipping mark - Care Mark - IRN	- Approved ITP - Contract - Approved Packing Procedure - Approved Shipping Procedure	- QA/QC Team
22	Shipping		- Shipping Arrange - Inland Transfortation		- Procurement Team - Sales Team

## PRODUCTION



## RESALE







Pipe Spools		Kyeam
Pipe Supports and Structures		Special & Customized Product
Steam Manifold		Lining & Coating
	Instrumentation	Strainers



## PIPE SPOOL FABRICATION

### Pipe Spool Fabrication

- Materials : CS/SS/Alloy  
(Small Tank Included)
- Fabrication Design & Calculation
- Material Procurement & Handling (ASTM, KS, JIS, DIN)
- Machining & Cutting
- Welding Or Bending
- PWHT
- Hydro Test
- NDE
- Shot Blasting / Painting



fabrication in process: Gas cutting



fabrication in process: welding



pneumatic testing



shot blasting



painting and drying



packing

# PIPE RUBBER LINING

## Rubber Lined Piping

- Soft/Hard Rubber Lining
- Flake Lining/PTFE Lining
- Internal Shot-Blasting
- Internal Adhesive Application
- Rubber Lining Layer Fixation
- Curing by Autoclave Machine or Open Curing
- Testing: Pinhole, Hardness, Thickness, Adhesion
- External Shot Blasting
- External Painting and Packing



application of rubber lining layers



fixing a rubber lining tube to a small pipe



autoclave curing of rubber lined pipes



open curing of rubber lined pipes



pin-hole testing



completion of rubber lining



## PIPE / INSTRUMENT SUPPORTS

### Support Products

- Support Structures
- Urethane(Cold) Support
- Spring Supports
- Support Shoes/Pads
- Stanchions
- Rod & Clamps
- Bulk Support (Piping & Instrument)



pipe support structures



cold support pads



spring damper supports(snuber)



shoes



wear pads



stanchions

# STRAINER

- Materials : CS/SS/Alloy/Cu-Ni
- T-Type
- Y-Type
- Cone Type
- Bucket Type
- Duplex Type



T-type strainers



straining units: perforated plate and meshed



Y-type strainer



hydro-testing: strainers



straining unit intact with strainer body



duplex type

# SPECIAL PRODUCTS

## Special Fabricated Items(Customized)

- Steam Trap Manifold(CM / DM)
- Level Bridle
- Skid Unit
- Customized Instrument Units  
(Sunshade, Special Tubing, Etc)
- Duct
- Special Fitting(Clean Out,  
Y-Tee, Bend, Etc)
- Special Required Fabricated  
Items
- Bird Screen
- Bell Mouth



pumping trap package



steam manifold completed



skid unit



drain hub



level bridle skid unit

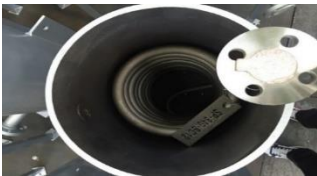


sun shade, UV resistant (ABS/GRP)

# SPECIAL PRODUCTS

## Special Fabricated Items(Customized)

- Sample Cooler
- Steam Ring
- Drip Funnel
- Condensate Pot
- Boiler Header
- Sample Probe
- Injection Quill
- Thermal Sleeve
- Exhaust Head
- Finning



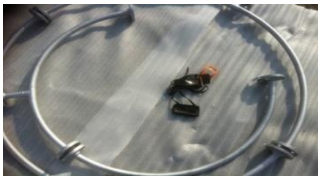
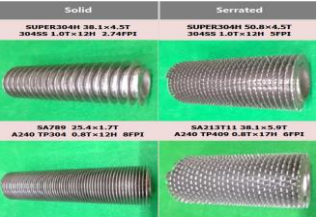
sample cooler (internal)



lower boiler header



thermal sleeve



steam ring



injection quill probe



exhaust head





Piping Materials			Kyeam
Tubing			Mechanical
	Instrumentation	LED & Fixture	Structure Steel



## Mechanical , Piping & Instruments

- Valves (Forged / Casting)  
(Ball, GGC, Butterfly, Plug, DBB, RAM, Sampling & Special Valves)
- Pipe (SMLS / Welded) , Fitting & Flanges
- Tube (SMLS / Welded)
- Steam Trap
- Pre-insulated Tube/Heat Shrinkable joint
- Tube Fitting/Instrument Valves
- Pipe Bend
- Conduit Pipe / Fitting / Tube Clamp
- Enclosures Box
- Multi Cable Transit
- Control Valve/MOV
- Plate & Structure steel / Bulk Support
- Maintenance & repair Equipment
- Welding Machine (Auto)
- Mechanical Conveyor System



Instrument Fitting & Instrument Valve



Valve



Pre-insulated tube & Heat shrinkable Joint



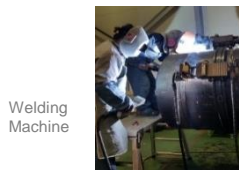
Tube & Pipe



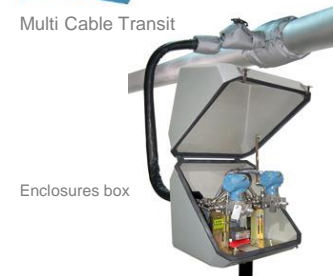
Steam Trap



Multi Cable Transit



Welding Machine



Enclosures box



### LED & Fixture

- Explosion Proof Lighting Fixtures
  - Led Lighting Fixture
  - Incandescent Lighting Fixtures
  - High Intensity Discharge Lighting Fixtures
  - Fluorescent Lighting Fixtures
  - Exit & Emergency Lighting Fixtures
- Explosion Proof Combination Station
- Explosion Proof Plug & Receptacle
- Explosion Proof Circuit Breaker Boxes & Motor Starters
- Explosion Proof Panel Board
- Conduit Pipe & Fitting



# AFFILIATES' SPECIALIZATIONS

Fabrication	Classification	Items	Manufacturer	Domain
	Vessel	Pressure Vessel	PT CITRA TUBINDO ENGINEERING	Indonesia
		Tower/Column		
		Tank		
	Field Tank	Field Fab. Tank		
	Steel Structure	Steel Structure		
	Piping Spool	Piping Spool		
	Jetty	Jetty/Dolphin/ Rig Fab./Derrick		
Piping Materials	Classification	Items	Manufacturer	Domain
	Pipe	Welded Pipe	Husteel, Hyundai RB,Hyundai	Korea
		SMLS Pipe	Walsin	China
	Finning	Fin Coil/Finning	Seo Yoon	Korea
	Rubber lining	Lining	Ocean Rubber Factory/Saekaphen	U.A.E./Korea
	Fitting	Pipe Fitting and Flange	Jiuli / Longtaidi / Tianing	China
	Valve	Forged / Cast Ball Valve/Cast Valve	KPL Valve / Samjin JMC/Hankook Valve	Korea
		Butterfly Valve	Samjin JMC	Korea
		DBB Valve	Hy-Lok /Samjin JMC	Korea
		Steam Trap	TLV	Japan
		Special Valve(Bottom Valve)	BOM	France
Instrument Materials	Classification	Items	Manufacturer	Domain
	Valve	Control Valve / M.O.V	Flowserve /KTV (Weir)	International
		Instrument Valve	Hy-Lok	Korea
	Tube	Tracing Tube(Pre Insulated)	Kwangshin I.S.T.	Korea
		Special Tube	Walsin / Tris / BuKwang	China / Korea
	Misc.	Instrument Tube Fitting	Hy-Lok	Korea
		Sunshade	Bulk S.R.L/O'Brien/Dong Woo(Kyeam)	Italy/USA/Korea
		Enclosure Box	Bulk S.R.L/Dong Woo/O'Brien	Italy/Korea/USA
Steel Structure	Classification	Items	Manufacturer	Domain
	Steel Structure	Steel Structure	PT. Wijaya Karya Industri & Konstruksi (WIKON)	International

KEY CLIENTELE

		 여천NCC(주)		
				세아  엔테크
				
				
				
				
				

# MAJOR SUPPLY RECORD - 1/4

## Major Experience List only

PROJECT	EPC	CLIENT	SUPPLY MATERIAL	YEAR
Datan Power Plant	HEC	TPC (Taiwan Power Co.)	Piping Spool	2021 ~
EGAT POLICHE Project	HEC	Grupa Azoty + Lotos	Strainers	2020~2022
Samcheonpo Power	Hanshin	Doosan	Boiler Piping	2021
Polimery Poloce(EGAAT) Project	HEC	Grupa Azoty+Lotos	Customised Piping Spool	2021
Fujairah F3 Power Project	SAMIL	F3 Holding Co.	SKID (Metering System)	2021
RDMP Balikpapan	HEC	PT Pertamina	Injection Quill & Thermal Sleeve	2021~2022
RDMP Balikpapan	HEC	PT Pertamina	Instrument Bulk	2020~2022
RDMP Balikpapan	HEC	PT Pertamina	Strainers	2020~2022
RDMP Balikpapan	PT REKIND	PT Pertamina	Strainers	2020~2022
RDMP Balikpapan	SKC	PT Pertamina	Strainers	2020~2022
RDMP Balikpapan (For Compressor)	Elliot EBARA	PT Pertamina	Strainers	2020~2021
ULSAN Combined Cycle Power Plant	Halla	Korea East-West Power	Piping Spool	2019
UZGTL / CHEM	Hyundai E&C	OLTIN YO'L GTL / Uzbekistan	Steam Trap & Steam Manifold	2018~2021
UZGTL / CHEM	Hyundai E&C	OLTIN YO'L GTL / Uzbekistan	Pre-Insulated Tube	2018~2021
UZGTL / CHEM	Hyundai E&C	OLTIN YO'L GTL / Uzbekistan	Instrument Support & Bulk	2018~2019
EURO / CHEM	Hyundai E&C	Petronas/Malaysia	Piping Support & Bulk	2018~2019
LPC2 / CHEM	Hyundai E&C	Lotte Chemical/Korea	Piping Support & Bulk	2018~2019
Sin-Boryeong FGD / PWR	Doosan Heavy I&C	KOMIPO / Korea	FGD Piping Spool Rubber Lining Ceramic Lining	2018~2019
Bo-Boryeong Thermal Power Plant Units 3 / PWR	Sae-A STX Entech	KOMIPO / Korea	Spool Fabrication Rubber Lining Ceramic Lining	2018~2019
Posco Yang-So / PWR	Sae-A STX Entech	POSCO / Korea	Piping Material Supply Manifold Fabrication	2018~2019
Melaka 2,242MW Combined Cycle Gas Turbine / PWR	Hyundai Eng.	EDRA / Malaysia	Fuel Gas Buffer System	2018~2019
KLNG Project	Hyundai Eng.	KNPC / Kuwait	HVAC & DIST PANEL BOARDS , EXP TYPE LIGHTING FIXTURE	2018
NCC Side Cracker & THE / CHEM	Hanwha E&C	Hanwha Total / Korea	Steam Trap & Trap Station Steam Manifold	2018
Hyundai Oil Bank Revamping, SDA / Refinery	Hyundai E & C & Hyundai Eng.	Hyundai Oil Bank/Korea	Thermal Sleeve Drain Hub/Steam Ring Piping Spool & Pad	2018
NCC Side Cracker & ADL / CHEM	Hanwha E&C	Hanwha Total / Korea	Oily Manhole Tank	2018

## MAJOR SUPPLY RECORD - 2/4

PROJECT	EPC	CLIENT	SUPPLY MATERIAL	YEAR
LPIC Project	GS Eng. & Const. Co., Ltd	ORPIC PLASTICS LLC / OMAN	LTG & OTHERS	2018
Lotte Chemical LPC2 / CHEM	Hyundai Eng.	Lotte Chemical / Korea	Strainers	2018
NRP ZOR Project / CHEM	Daewoo E&C	KNPC / Kuwait	Strainers	2016~2018
RUC Project / CHEM	DAELIM	S-Oil / Korea	Manifold / Steam Trap Drip Funnel	2017
NCC Project / CHEM	Hanwha E&C	Hanwha Total / Korea	Oily Manhole & Special piping Ball valve	2017
CAFC Oil Project / CHEM	Daewoo E&C	Sonatrach / Algeria	Pipe (Duplex/Bends)	2015~2016
CLEAN FUEL PROJECT	JGSK JV	KNPC / Kuwait	EXP TYPE MOV PANEL, EXP TYPE LIGHTING FIXTURE	2016 ~ 2017
UMM WU'AL PHOSPHATE / CHEM	Hanwha E&C	Ma'aden Wa'ad Al-Shamal Phosphate Company / K.S.A.	Spool Fabrication Rubber Lining Piping Miscellaneous Pipe Support	2015~2016
Tae-An TPP Unit 9, 10 / PWR	STX	Korea West Power / Korea	Spool Fabrication Rubber Lining	2015~2016
Buk-Pyung TPP Unit 1, 2 / PWR	STX	GS Donghae Electric Power / Korea	Spool Fabrication Rubber Lining	2015~2016
Mixed Xylene / CHEM	Hyundai E&C	Hyundai Oil Bank / Korea	Special Piping (Thermal Sleeve) Piping Miscellaneous Steam Tracing Ball Valve	2015~2016
Turkmenistan Ethane Cracker and PE PP Plant / CHEM	Hyundai Eng.	Turkmengas / Turkmenistan	Pipe Support Special Piping (Sample Cooler) Steam Tracing / Instrument Miscellaneous	2014~2016
PTC Jubail Polysilicon Project / CHEM	KCC	Polysilicon Technology Company / K.S.A.	Pipe Support Instrument Miscellaneous / Strainer	2013
Ma'aden Alumina Refinery / CHEM	Hyundai E&C	MBAC / K.S.A.	Piping Miscellaneous / Steam Trap Instrument Miscellaneous	2012~2014
Musandam Gas Plant / CHEM	Hyundai Eng.	Oman Oil company Exploration & Production LLC / Oman	Pipe Support Special Piping (Sample Cooler/Probe) Steam Tracing / Instrument Miscellaneous	2012~2015
FCC REVAMP	Daelim industries Co., Ltd.	KNPC / Kuwait	INDOOR TYPE LIGHTING FIXTURES EXP TYPE LIGHTING FIXTURES EXP TYPE PANEL BOARD EXP TYPE CONDUIT & FITTINGS	2014
Group III Base Oil Production Facilities / CHEM	Hyundai Eng.	Abu Dhabi Oil Refining Company / U.A.E.	Spool Fabrication (Ni-Alloy Spool) Special Piping (Steam Ring) Pipe Support / Steam Tracing	2011~2014
KOC Pipeline Part A / CHEM	Hyundai E&C	Kuwait Oil Company / Kuwait	Pipe Support Instrument Miscellaneous	2011~2015

## MAJOR SUPPLY RECORD - 3/4

PROJECT	EPC	CLIENT	SUPPLY MATERIAL	YEAR
Borouge 3 Utilities & Offsites / CHEM	Hyundai E&C	Abu Dhabi Polymers Co. Ltd. / U.A.E.	Pipe Support Steam Tracing Instrument Miscellaneous	2011~2014
Yeosu Oil Tank Terminal / CHEM	Hyundai E&C	Oilhub Korea Yeosu Co., Ltd. / Korea	Special Piping (Sleeve Pipe) Valve (Ball/Forged/DBB) Instrument Miscellaneous	2011~2012
MMA-2D / CHEM	Hyundai Eng.	Daesan MMA Corporation / Korea	Piping Miscellaneous Instrument Miscellaneous Ball Valve / Steam Tracing	2011~2012
RUWAIS REFINERY EXPANSION (PKG#1)	SK Eng. & Const. Co., Ltd.	TAKREER / U.A.E	EXP.PROOF TYPE H.I.D, FL & IL LIGHTING FIXTURES, EXP.PROOF TYPE UNDERWATER & EMERGENCY LIGHTING FIXTURES	2012
Habshan 5 Utilities & Offsites / CHEM	Hyundai E&C	GASCO / U.A.E.	Special Piping (Sample Cooler, Pot) Steam Trap DBB Valve Cryogenic Ball Valve Instrument Miscellaneous	2010~2013
Turkmenistan Gas Desulfurization Plant / CHEM	Hyundai Eng.	Turkmengas / Turkmenistan	Spool Fabrication Special Piping (Piping Pot) Piping Miscellaneous Steam Tracing Instrument Miscellaneous Flange Forged Valve (Forged/Ball/DBB)	2009~2013
Karan Gas Field Development / CHEM	Hyundai E&C	Aramco / K.S.A.	Special Piping (Sample Cooler) Instrument Miscellaneous	2009~2012
HDO#2 HOU / CHEM	Hyundai E&C	Hyundai Oil Bank Co., Ltd. / Korea	Piping Miscellaneous Steam Tracing MOV (Ball Valve) Forged Valve	2009~2011
Nga Awa Purua / GPP	Fuji Elec.	Mighty River Power / New Zealand	Pressure Vessel HP/IP/LP Steam Separator HP/IP Steam Scrubber LP Steam Demister HP/IP/LP Steam Strainer Pipe Support Piping Miscellaneous Valve Instrument Miscellaneous	2008~2010
Nhon Trach 1 450MW CCPP / PWR	Hyundai Eng.	Petro Vietnam GPPMB / Vietnam	Spool Fabrication	2008



## MAJOR SUPPLY RECORD - 4/4

### *Maintenance Spare Parts*

PROJECT	EPC	CLIENT	SUPPLY MATERIAL	YEAR
HCC K-10	HWC	Hanwha	3-WAY BALL VALVE	2019
MAINTENANCE	S-oil	S-oil	ACTUATED BALL VALVE	2019
Daesan	HENC	HTC / Korea	Pre-Insulated Tube	2019
YNCC Revamping	DIC	YNCC / Korea	FINNING FOR CONVECTION COIL	2019
PHOSPHORIC ACID PALNT	HEC	GROUPE CHIMIQUE TUNISIEN	DIAPHRAGM VALVE	2018
SHFP	DIC	KNPC / Kuwait	STEAM TRAP	2018
ARP	UTE TSGI	AEGEAN REFINERY / AEGEA	UOP CCR FILLER FLANGE	2018
SARB	HDEC	ADMA-OPCO / UAE	INSTRUMENT MATERIALS	2018
KNPC ZOR	DWC	KNPC / Kuwait	GASKET FOR STRAINERS	2018
TARAPACA	STX	ENDESA C.E.L.T.A / CHILE	NATURAL RUBBER GASKET	2018
SHIN SEOCHON TPP	DIC	Korea Midland Power / Korea	AUTO VENT VALVE	2018

### *Lighting Parts*

NC-1 Project	LOTTE CHEMICAL	LOTTE CHEMICAL.	LED LIGHTING FIXTURE	2019
KLNG Project	Hyundai Eng.	KNPC / Kuwait	HVAC & DIST PANEL BOARDS EXP TYPE LIGHTING FIXTURE	2016
CLEAN FUEL PROJECT	JGSK JV	KNPC / Kuwait	EXP TYPE LIGHTING FIXTURE	2016
PDH PJT	SK Eng. & Const. Co., Ltd.	SK GAS	EXP TYPE LEDLIGHTING FIXTURES	2015
Sulphur Handling Facilities at MAA refinery	Daelim industries Co., Ltd.	KNPC / Kuwait	GP / WP TYPE LIGHTING FIXTURE PLUG & RECEPTACLES LCS ISOLATION S/W	2015
Sohar Refinery Improvement	Daelim Petrofac Joint Venture	Oman Oil Refineries and Petroleum Industries	EXP TYPE ACWL SYSTEM EXP TYPE JUNCTION BOX EXP TYPE LIGHTING FIXTURES	2015

# Piping Spool

## LEGENDS: Acronym Codes for EPC Clients

Acronym	EPC Client Name						
DIC	Daelim Industrial Corp	HHI	Hyundai Heavy Industries	PSC	POSCO E&C	STX	STX Heavy Industries
DWC	Daewoo E&C	HWC	Hanwha E&C	PSE	POSCO Engineering	TYE	TOYO Engineering
GSC	GS E&C	KCC	KCC E&C	SKC	SK E&C		
HDEC	Hyundai E&C	KEP	Kepco E&C	SSC	Samsung C&T		
HEC	Hyundai Engineering	LTC	Lotte E&C	SSE	Samsung Engineering		

EPC	PROJECT	PLANT TYPE	CLIENT	COUNTRY	Supply Items	Quantity	YEAR
SAMIL	Fujairah F3 Power Project	Power	F3 Holding Co.	UAE	Metering System with Skid	3,000	2021
HEC	Datan Power Plant	Power	TPC (Taiwan Power Co.)	Taiwan	Piping Spool	75,000	2021
KEPCO	CPV Unit Pipe Spool	Power	KEPCO SPC Power	Vietnam	Piping Spool/ Rubber Lining	6,000	2021
STX	POSCO Thermal Power Plant	Power	POSCO	Korea	Piping Spool	35,000	2020~
Halla	ULSAN COMBINED CYCLE POWER PLANT #1 ~ #3 CC/DeNox Facility	Power	Korea East-West Power	Korea	Piping Spool	10,000	2019~
DY P&F	SHIN SEOCHUN ASY HANDLING SYSTEM	Pwer	Korea Midland Power	Korea	Piping Spool & Rubber Lining	20,000	2019~
STX	BORYEONG 3 EXTENSION	Power	Korea Midland Power	Korea	Piping Spool & Rubber Lining	122,000	2018~ 2019
DOOSAN	SHIN BORYEONG 1,2 FLUE GAS DESULFURIZATION SYSTEM	Power	Korea Midland Power	Korea	Piping Spool & Rubber Lining	25,000	2018~ 2019
KC COTTELL	DUYENHAI3 EXTENSION THERMAL POWER PLANT	Power	Sumitomo Corporation	Vietnam	Piping Spool	39,000	2016~ 2017
KC COTTELL	VEITENAM DUYENHAI3 EXTENSION	Power	Vietnam Electricity	Vietnam	Piping Spool	4,500	2016
DWC	MOROCCO SAFI SEA WATER FLUE GAS DESULFURIZATION	Power	Safi Energy Company	Morocco	Piping Spool	2,280	2016
HWC	UMM WU'AL PHOSPHATE PROJECT	Chemical	Ma'aden	Saudi Arabia	Piping Spool & Rubber Lining	250,000	2015~ 2016
STX	MOROCCO JORF LASFAR SEA WATER FLUE GAS DESULFURIZATION	Power	The Jorf Lasfar Energy Company (JLEC)	Morocco	Piping Spool	2,531	2015
STX	IRAQ KHABAT THERMAL POWER PLANT #1, 2	Power	GAMA Power Systems	Iraq	Piping Spool & Rubber Lining	33,140	2015
STX	TAEAHN THERMAL POWER PLANT #9, 10	Power	Korea Western Power Co., Ltd.	Korea	Piping Spool & Rubber Lining	76,068	2014~ 2016
STX	BUKPYEONG THERMAL POWER PLANT #1,2	Power	GS Donghae Electronic Power Co., Ltd.	Korea	Piping Spool & Rubber Lining	57,000	2014~ 2016
Total Dia- Inch						760,519	



LEAPING FOR THE FUTURE  
&  
IN THE WORLD.



# Corporate Profile

FY2021/2022



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