

Can support you  
wherever in the world you need.



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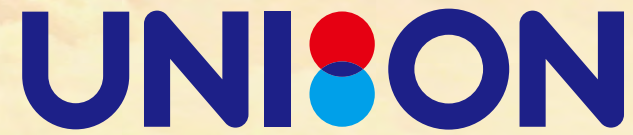
UNI:ON, Solution Provider of Marine  
Product Construction and Engineering

[www.unionkr.com](http://www.unionkr.com)

# Aluminum Ship & Marine Products Manufacturing







- Aluminum Ship Construction
- Marine Product Manufacturing
- Technical Service
- Engineering Service
- Relocation Service
- Manpower Service
- Shipping Agent & Procurement Service
- Logistics & Warehouse Service
- EX-Proof Manpower(800 resources) - EEHA, IECEx CoPC, CompEx, NE

**UNI:ON**  
Office&Factory

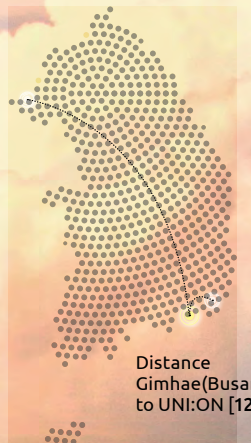
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**Youngdo**  
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E-mail. fab@unionkr.com

Distance  
Incheon Airport  
to UNI:ON [340km]



Distance  
Gimhae(Busan) Airport  
to UNI:ON [12.5km]

## Management System Certificate



**UNIKA U.S.A**  
2100 Kitty Hawk Avenue, Philadelphia, PA 19112, USA  
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Tel. + 84 97 246 1000  
E-mail. kp@cdihanoi.com

## Corporate Structure

**UNIKA**

USA

- Date of Incorporation : September 26th, 2019
  - Company Name : UNIKA(UNI:ON + Korea + America)
  - Location : Philadelphia, PA
  - E-mail : psi-pjt@unionkr.com
- :: Philly Shipyard in US  
E&I Installation & Commissioning, E&I Engineering Service

**UNIKO**

Australia

- Construction Management & Discovery
- A/S & O&M, Punch & SDR
- Commissioning Equipment Services
- Commissioning Supporting Works
- Admin & Relocation
- Procurement & Shipping Agent
- Logistic & Warehouse

**UNI:ON**  
japan

Japan

- Employment Agency
- Dispatch Service
- Advanced Business Service
- Technical Solution in Shipbuilding
- Overseas Sales
- Trading Service
- Engineering

**HOTEL**  
**STAY:ON**

- Residence Hotel with full-furnished & facilities





Aluminum Ship & Marine Products Manufacturing

# Standards in Construction

UNI:ON provides high quality products in strong safety to the customers.  
 UNI:ON's Noksan Factory is specialized in the manufacturing, fabrication and assembly of Nonferrous metals product that Aluminum Solution(i.e. Marine Ship Block and various type of Outfittings), Stainless Steel Solution(i.e. LNGC - Vent Mast, Pipe Spools and Outfittings) and Scrubber Solution(i.e. Scrubber Body Manufacturing and Insulation).  
 Noticeably, this factory is equipped and manned by key staff personnel specialized in Aluminum Material Preparation and Welding.

## Noksan Factory

Address	12, Noksansandan 382-ro 49beon-gil, Gangseo-gu, Busan, Republic of Korea		
Area	• 1st Shop : 2,106m <sup>2</sup> (78m x 27m)	• 2nd Shop : 880m <sup>2</sup> (22m x 40m)	• Yard : 752m <sup>2</sup> (47m x 16m)

## Youngdo Factory

Address	125, Haeyang-ro, Yeongdo-gu, Busan, Republic of Korea		
Area	• Shop : 3,080m <sup>2</sup> (110m x 28m)	• Yard : 12,670m <sup>2</sup> , Quayside 90m	

## Noksan Factory Specification

Equipment	Specification	Q'ty
Forklift	2.5t	2
Transporter	15t	1
	10t	1
Tig Welding Machine	500A	10
Mig Welding Machine	500A	17
CO2 Welding Machine		5
Plasma Cutting Machine		2

Equipment	Specification	Q'ty
Over head Crane	20t/5t	1
	5t	1
	10t	1
	10t	1
	20t	1
Gantry Crane	15t	1
Air Compressor		1
Truck	1t	2







UNI:ON

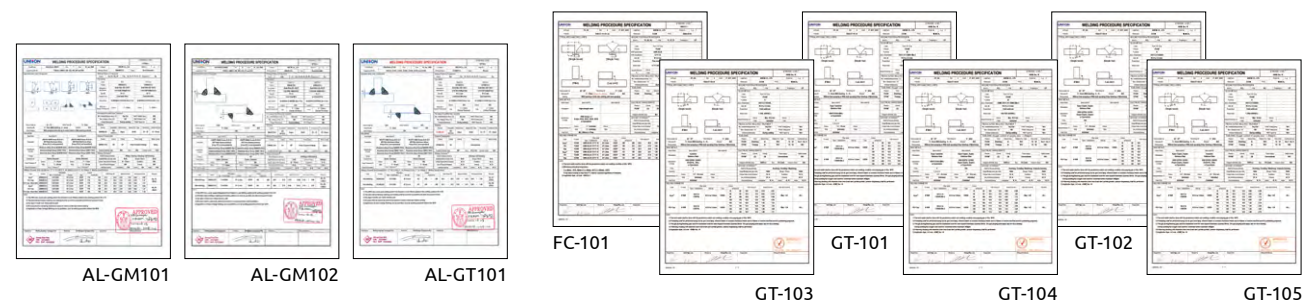
# Aluminum Ship & Marine Products Manufacturing

## Youngdo Factory Specification

Machinery/Equipment	Capability	Q'ty
Over Head Crane	70 ton x 15m	1set
	10 ton x 15m	1set
	20 ton x 20m	1set
Gantry Crane	10ton x 15m	1set
Folk Lift	7 ton	1set
Mobile Table	10 ton	1set
	5 ton	1set
Electric Power	500kw	1set
Air Compressor	100HP	1set
Grilled Surface Table	22m×82m	2set
	20m×82m	2set
GTAW Welding M/C	DUTY-500 (500A, 350A)	15set
GMAW Welding M/C	DUTY-500 (500A, 350A)	15set
FCAW Welding M/C	500A	10set
Plasma	-	-



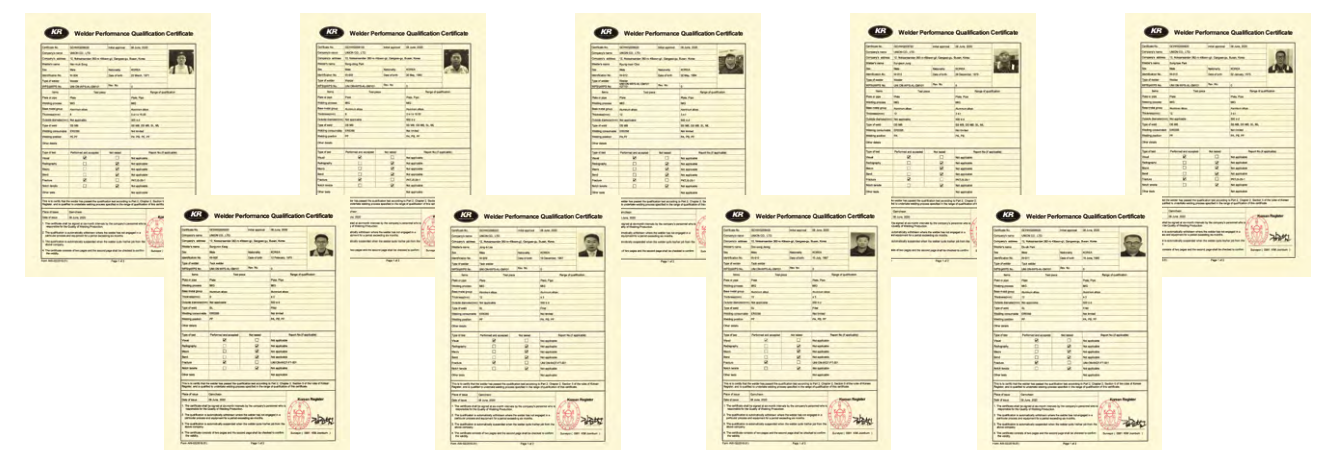
## WPS(Welding Procedure Specification)



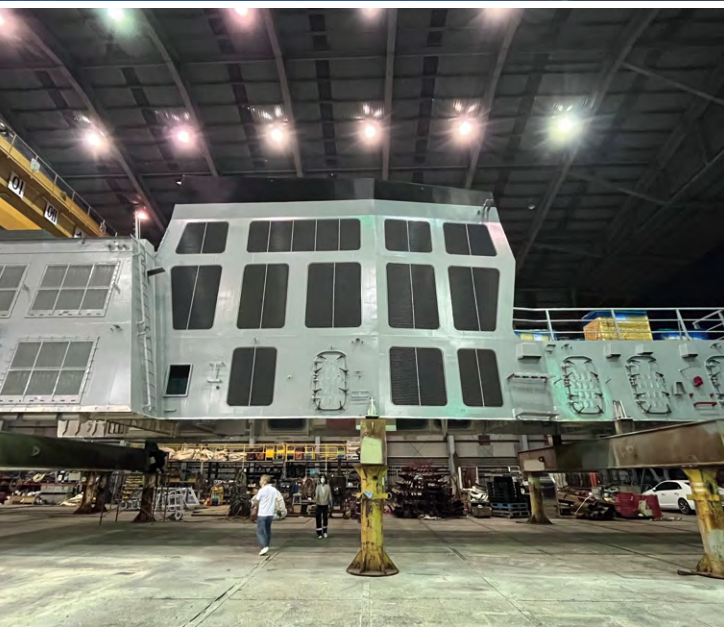
**AL-GM101** Aluminum Alloys, Butt Welding WPS using GMAW Process  
**AL-GM102** Aluminum Alloys, Fillet Welding WPS using GMAW Process  
**AL-GT101** Aluminum Alloys, Fillet Welding WPS using GTAW Process  
**FC-101** High Tensile Strength Steel, Butt Welding WPS using FCAW Process

**GT-101** Superaustenitic Stainless Steel(6Moly), Butt Welding WPS using GTAW Process  
**GT-102** Super Duplex Stainless Steel, Butt Welding WPS using GTAW Process  
**GT-103** Stainless Steel(SUS 316L), Butt Welding WPS using GTAW Process  
**GT-104** 6Mo to SDSS, Butt Welding WPS using GTAW Process  
**GT-105** SDSS to SUS 316L, Butt Welding WPS using GTAW Process

## Welder Certificates







## Aluminum Products I

- Frigate(Warship) Ship
- Offshore Patrol Vessel
- Coast Guard Ship
- Ship Design on Request (Basic/Detail/ Production/Modification)



## Aluminum Products II

- Aluminum Passenger Ship
- Aluminum Floating Platform
- Aluminum Floating Pier
- Aluminum Recreation Boat





## SOx Scrubber Manufacturing

- Danaos 6,500 TEU [MV LEO]
- Danaos 6,500 TEU [MV Catherine C]
- Danaos 9,600 TEU [Pusan C]
- Danaos 9,600 TEU [Le Havre]
- Danaos 8,500 TEU [Europe]
- Danaos 8,500 TEU [America]
- MSC 6,700 TEU [Melissa]
- MSC 6,700 TEU [Marianna]
- MSC 6,700 TEU [Michaela]
- JUM 3,800 DIA [VLCC]



## Container Type Module

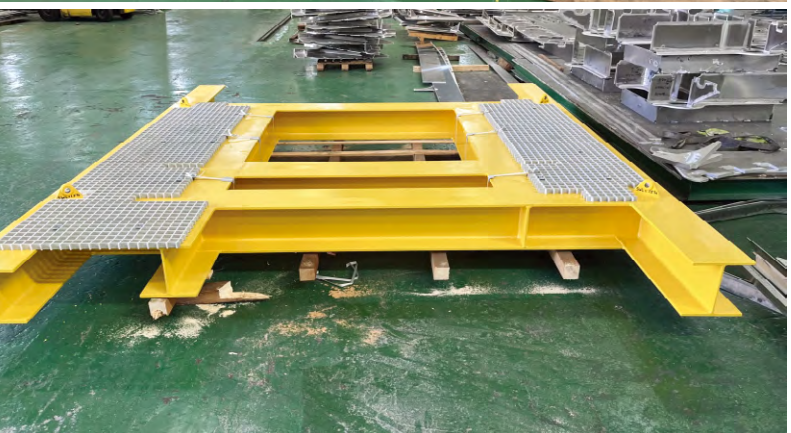
- E-House
- PSV Calibration Bench
- Barite Mixer Tank
- Mud Treatment Tank
- Storage Tank





OutfittingsI

- VERTICAL LADDER
- SAFETY PLATFORM
- WINCH SKIDDING SUPPORT
- PIPE SPOOL UNIT
- SPREADER BEAM
- RUNNING TOOL FRAME



OutfittingsII

- RADAR MAST
- VENT MAST
- NONFERROUS METAL OUTFITTINGS







# Status of registered business partners and certifications

<p><b>SAMSUNG HEAVY INDUSTRIES</b> REGISTERED VENDOR AS PROVIDER OF CONSTRUCTION AND LOCAL MANPOWER</p>	<p><b>SOFEC</b> REGISTERED VENDOR AS PROVIDER OF CONSTRUCTION AND TECHNICAL SERVICE</p>	<p><b>HANHWA SYSTEM</b> REGISTERED VENDOR AS PROVIDER OF TECHNICAL SERVICE &amp; SHIPPING SERVICE</p>
<p><b>PETRONAS</b> REGISTERED VENDOR AS PROVIDER OF FABRICATION, INSTALLATION, COMMISSIONING</p>	<p><b>TECHNIP FMC</b> REGISTERED VENDOR AS OFFSHORE MATERIAL FABRICATOR, CONSTRUCTION TECHNICAL SERVICE &amp; PROCUREMENT</p>	<p><b>G.E. ENERGY</b> REGISTERED VENDOR AS AGENT OF PROCUREMENT &amp; LOGISTIC</p>
<p><b>CRYOSTAR</b> REGISTERED VENDOR AS PROVIDER TECHNICAL SERVICE &amp; PROCUREMENT</p>	<p><b>HYUNDAI HEAVY INDUSTRIES</b> REGISTERED VENDOR AS PROVIDER OF CONSTRUCTION AND TECHNICAL SERVICE</p>	<p><b>KANGNAM CORPORATION</b> REGISTERED VENDOR AS PROVIDER OF ALUMINUM SHIP CONSTRUCTION</p>
<p><b>DAE SUN</b> REGISTERED VENDOR AS PROVIDER OF CONSTRUCTION AND TECHNICAL SERVICE</p>	<p><b>JGC CORPORATION 2017~Present (SHI)</b> REGISTERED VENDOR AS AGENT OF TECHNICAL SERVICE &amp; MANPOWER</p>	<p><b>TOTAL - EGINA FPSO</b> EXPANSION TANK DESIGN &amp; FABRICATION, ESDG FAT, DCC, MACHINERY INSTALLATION</p>
<p><b>ABB</b> REGISTERED VENDOR AS PROVIDER OF FABRICATION AND TECHNICAL SERVICE</p>	<p><b>TJ JV - ENI CORAK FLNG</b> REGISTERED VENDOR AS PROVIDER OF RELOCATION AND PROCUREMENT</p>	<p><b>SHELL PRELUDE FLNG</b> REGISTERED VENDOR AS PROVIDER OF RELOCATION AND PROCUREMENT</p>

# Major Performance List

Project	Client	Period	Services
Frigate Ship	HYUNDAI HEAVY INDUSTRIAL	2022.04 ~ 2023.03	Frigate Ship Construction
Offshore Patrol Ship	SAMGANG MNT	2022.08 ~ 2022.12	Patrol Ship Construction
Aluminum Boat	VISSEN	2022.06 ~ 2022.09	8m/16m Aluminum Boat Engineering & Construction
Scrubber Fabrication	HYUNDAI MATERIALS	2022.01 ~ 2022.04	Scrubber Fabrication
Hose Stiffness Test Facility	Government branch	2021.09 ~ 2022.12	Hose Stiffness Test Facility fabrication
72M Superfast Ferry Construction	KMTC	2021.07 ~ 2022. 08	72M Superfast Ferry Construction
Coral PFLNG	Sofec & TJJV	2021.06 ~ 2021.11	Installation AID Fabrication
LNG Vent Mas Fabrication	KRISO	2021.05 ~ 2021.06	LNG Vent Mas Fabrication
Offshore Patrol Ship II	KANGNAM CORPORATION	2020.12 ~ 2021.11	Patrol Ship Construction
Mud Treatment System Fabrication	KIGAM	2020.06 ~ 2021.01	Module Fabrication
Aluminum Floating Platform Construction	HM Heavy Industrial	2020.10 ~ 2021.04	Mid Barge Construction
Offshore Patrol Ship I	KANGNAM CORPORATION	2020.03 ~ 2020.10	Patrol Ship Construction
KR-2869-0713 Samcheonpo Unit#5,6 FGD,	ABB	2019.12 ~ 2020.04	E-House Fabrication
Aloha CV3600 Container	SM Solution (PSI)	2018.05 ~ 2019.02	Electrical Construction
PFLNG 2	JGC	2017.05-2020.01	Construction, Fabrication Manpower, Procurement, General Service(Accommodation and etc.)
PFLNG 2	SOFEC	2018.06 ~ING	Turret Punch work Technical Service(Inspection)
PFLNG 2	SHI	2016 ~ ING	Technical Service, Construction
Johan Svedrup	SHI	2016 ~ 2018	Technical Service, Construction
Cryostar	Cryostar	2013 ~ ING	Construction, Fabrication, Technical Service , Procurement General Servic
OCR Drill	SHI	2018.04 ~ ING	Technical Service, General Service
DSME Pjt.	SEANET	2018.04	Technical Service
DaeSan GS	BHGE	2018.08 ~ ING	Construction, General Service, Technical Service
T.C.O	FOGT	2018.05 ~ ING	Technical Service, General Service
Martin Linge	Technip FMC	2016 - 2018	Construction, Technical Service , Procurement
Martin Linge	SHI	2016 - 2018	Technical Service, Construction
Shell Prelude	SHELL	2013 ~ 2017	General service
Shell Prelude	SHI	2014 ~ ING	Technical Service, Construction, OWO
Shell Prelude	Technip FMC	2016 ~ 2018	Construction, Procurement
EGINA	AXIMA	2017	Technical Service
EGINA	SHI	2015 ~ 2016	Technical Service
CAT-J	SHI	2016 ~ 2017	Construction, Commissioning
AKER MH	AKER MH	2014 ~ 2016	Technical Service, Procurement, General Service