

SINCE 2009

DOOWON HIGH STEEL

The global leader in sustainable pipe production

Who we are



Since its establishment in 2009, Doowon Highsteel Inc. has grown into a specialized manufacturer of welded pipes based on an endless spirit of challenge. Starting with the production of Carbon Steel welded pipes, we have expanded to Stainless Steel, Duplex, Super Duplex, and Copper Nickel 90/10.

We are not satisfied with the present and are preparing to become a global company with our differentiated technology which is accumulated over the years. Doowon Highsteel Inc. will continue to make constant efforts to become a global leader of the steel industry.

Furthermore, We challenge new things and breaks away from existing frameworks through continuous research, development and corporate innovation.

History

> 2009

Apr. Established Doowon High Steel Co., Ltd In Busan, South Korea

> 2010

Aug. Registered as a vendor of Samsung Heavy Industries(Carbon)

> 2011

Jul. Relocation of Head office to Gimhae(Twereae-Ri)

> 2013

Jan. Certified by ISO 14001 : 2004 / KS I ISO 9001 : 2009

> 2016

Apr. Relocation of Head office and Plant Expansion(Jangbang)

May. Relocation of Head office to Sang dong Manufacturing Shop

Jul. WPS certified by Class ABS, DNV-GL, LR, KR, BV (Carbon)

Oct. Certified as Approved Manufacturer by DNV-GL, BV (Carbon)

Dec. Achieved Licensed to manufacture under JIS G 3457 and JIS G 3444

> 2017

Nov. Achieved Licensed to manufacture under JIS G3466, KS D3568, 3566

> 2018

Jun. WPS certified by Class ABS, BV, DNV-GL, LR (Cu-Ni)

Dec. Certified by ISO 14001:2015 / KS I ISO 9001:2015

Dec. Certified as Approved Manufacturer by Copper Alloy Class LR (Cu-Ni)

> 2020

Jan. WPS is certified by Class ABS, BV, DNV-GL, LR, RS (SUS)

Aug. Certified as Approved Manufacturer by Class BV, DNV-GL, LR,RS (SUS)

> 2021

Jun. Registered as a Vendor of Samsung Heavy Industries(SUS)

> 2022

May. Established of An Ha Manufacturing Shop

> 2023

Sep. Secured orders from SHI / Petronas - ZLNG(Stainless steel, CuNi 90/10)

> 2024

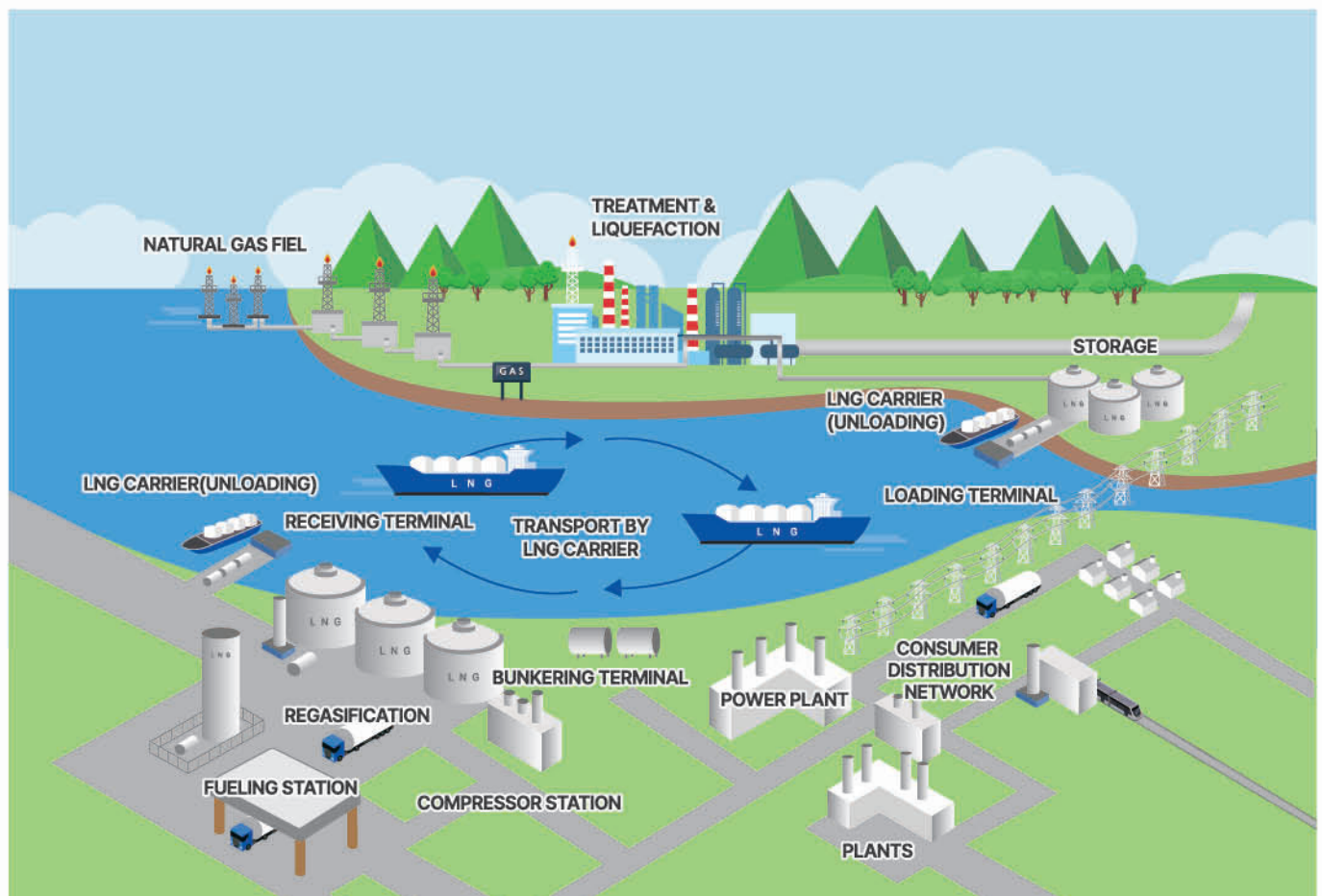
May. Secured orders from SHI / ENI - Coral North FLNG(Stainless steel, CuNi 90/10, Carbon steel)

Production Range

Type			Out Diameter		Thickness
			(mm)	(Inch)	(mm) Max
Austenitic / Ferrite Stainless Steel	304, 316, 321, 347, Duplex S31803, S32750	Seamless Pipe	21.34 ~ 406.4	1/2"~16"	40.49
		Welded Pipe	219.1 - 2895	8"~120"	80
		Fitting & Flange	21.34 ~1016	1/2" ~ 40"	
Copper / Copper Nickel	C1220, C7060, C7150	Seamless Pipe	13.72 ~ 368	0.54"~14"	10
		Welded Pipe	219.1 ~ 1219	8"~ 40"	1seam : Till 24", 2seam : 26"~50"
		Fitting & Flange	21.34 ~ 609.6	1/2" ~ 24"	
Carbon Steel	A106 Gr. A~C STPY400,STK400~590 A671~A691,A234	Seamless Pipe	21.34 ~ 1219.2	1/2" ~ 48"	Max 80
		Welded Pipe	219.1 ~ 3556	8"~140"	
		Fitting & Flange	21.34 ~ 1016	1/2" ~ 40"	
SQUARE PIPE	STK400~590	Carbon Welded Square Pipe	200R~1000R	8" ~ 40"	Max 40

** Other diameters & wall thicknesses are available upon request.

» LNG Flow Diagram





Production Specifications

» Stainless Steel

Spec	Grade	Remarks
ASTM A240	TP304, TP316L, TP321, TP347	Chromium and Chromium-Nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels
ASTM A312		Seamless, Welded and Heavily Cold Worked Austenitic Stainless Steel pipes
ASTM A358		Electric Fusion Welded Austenitic Chromium-Nickel Stainless Steel pipe for High Temperature
ASTM A409		Welded Large Diameter Austenitic Steel pipe for Corrosive or High Temperature
ASTM A480		Flat-Rolled Stainless and Heat Resisting Steel Plate, Sheet and Strip
JIS G3459	304, 316L, 317L, 321, 347	Stainless steel pipes
JIS G3468		Large diameter welded stainless steel pipes
KS D 3576		Stainless steel pipes
KS D 3588		Large diameter welded stainless steel pipes

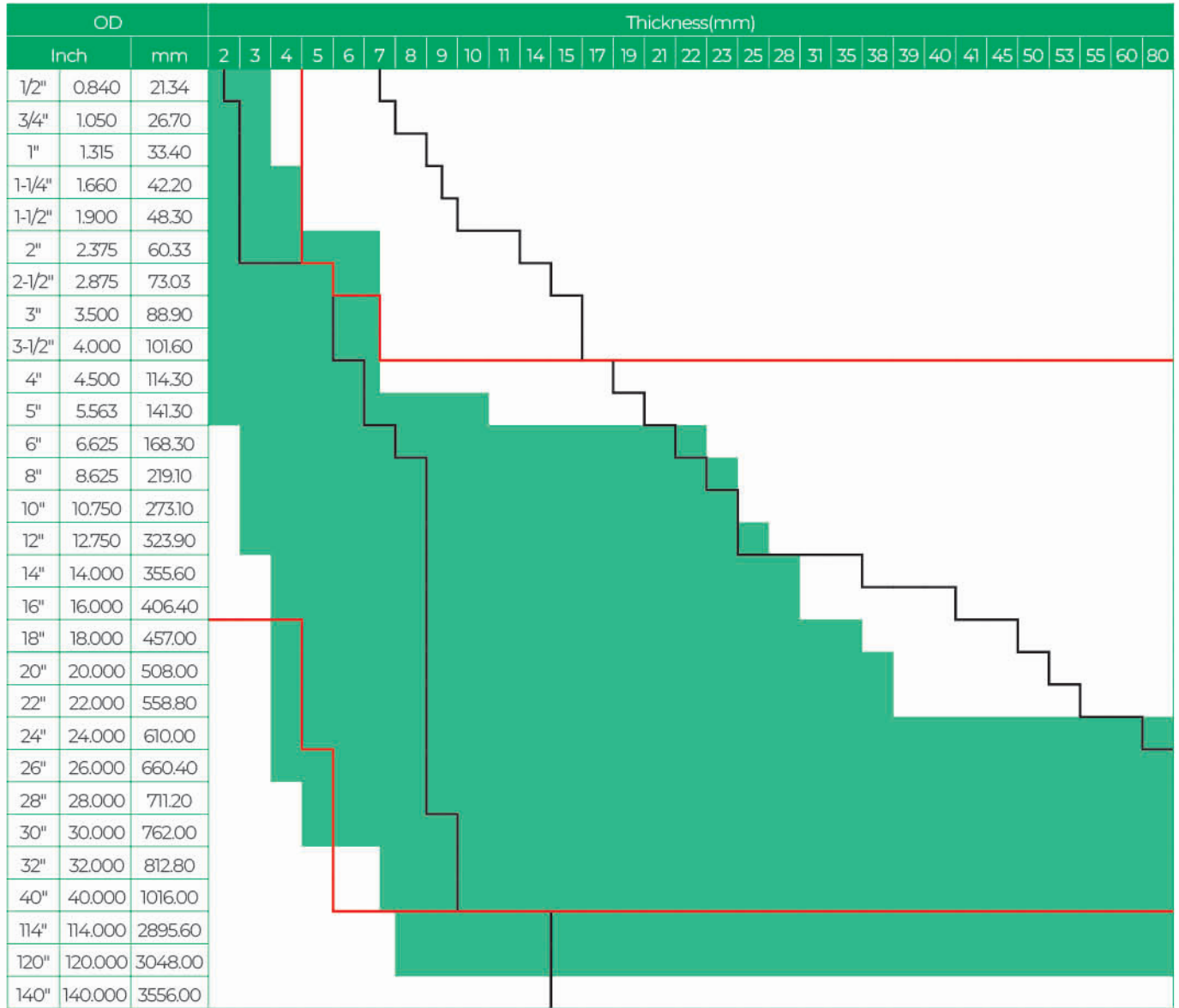
» Copper Nickel 90/10 & 70/30

Spec	Grade	Remarks
ASTM B466	C70600, C71500	Seamless Copper Nickel Pipe and Tube
ASTM B467		Welded Copper Nickel Pipe
ASME SBIII		Specification for Copper and Copper Alloy seamless condenser tubes and ferrule stock
MIL-T-16420K		Military Specification Tube, Copper Nickel Alloy, Seamless and Welded(715 and 706)
EEMUA 234X	C7060X, C7150X	90/10 Copper Nickel alloy piping for offshore
JIS H3300	C1220T, C7060T, C7150T	Copper and Copper alloy seamless pipes and tubes
JIS H3320		Copper and Copper alloy welded pipes and tubes

» Carbon Steel

Spec	Grade	Remarks
API 5L	B ~ X80	Line Pipe
API 2B		Fabrication of Structure Steel Pipe
ASTM A134	A283, A285, A570, A36	Pipe, Steel, Electric-Fusion(Arc) Welded(Size NPS 16 and over)
ASTM A139	A, B	Electric-Fusion(Arc) Welded Steel Pipe (Size NPS 4 and over)
ASTM A252	1, 2, 3	Welded and Seamless Steel Pipe Piles
ASTM A333	1 ~ 11	Seamless and Welded Steel Pipe for Low Temperature
ASTM A671	CA55 ~ CP75	Electric Fusion Welded Steel pipe for Atmospheric & Low Temperature
ASTM A672	A45 ~ N75	Electric Fusion Welded Steel pipe for High-Pressure Service at Moderate Temperature
ASTM A691	1/2CR ~ 91	Carbon and Alloy Steel pipe. Electric Fusion Welded for High Pressure Service at High Temperatures
ASTM A106	A, B, C	Seamless Carbon Steel Pipe for High-Temperature
ASTM A234	WPI, 5, 9, 11, 12, 91	Piping Fitting and Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature
ASTM A334	1, 3, 6, 7, 8, 9, 11	Seamless and Welded Carbon and Alloy Steel tubes for Low Temperature
JIS G3444	STK 290, 400, 490	Carbon Steel Tubes for General Structural Purpose
JIS G3454	STPG370, STPG410	Carbon Steel Pipes for Pressure Service
JIS G3457	STPY400	Arc Welded Carbon Steel Pipes
KS D 3566	STK 400, 490, 500, 540	Carbon Steel Tubes for General Structural Purpose
KS D 3583	SPW400	Arc Welded Carbon Steel Pipes

Stainless Steel / Copper Nickel / Carbon Steel / Duplex / Super Duplex Pipe Production Range



** Specification : # ASME B36.10 : 1/8" ~ 80" # ASME B36.19 : 1/8" ~ 30"

** Other diameters & wall thicknesses are available upon request.

Stainless steel / Duplex
 Carbon Steel
 CuNi90/10

» Factory



Headquarters & 1st Factory

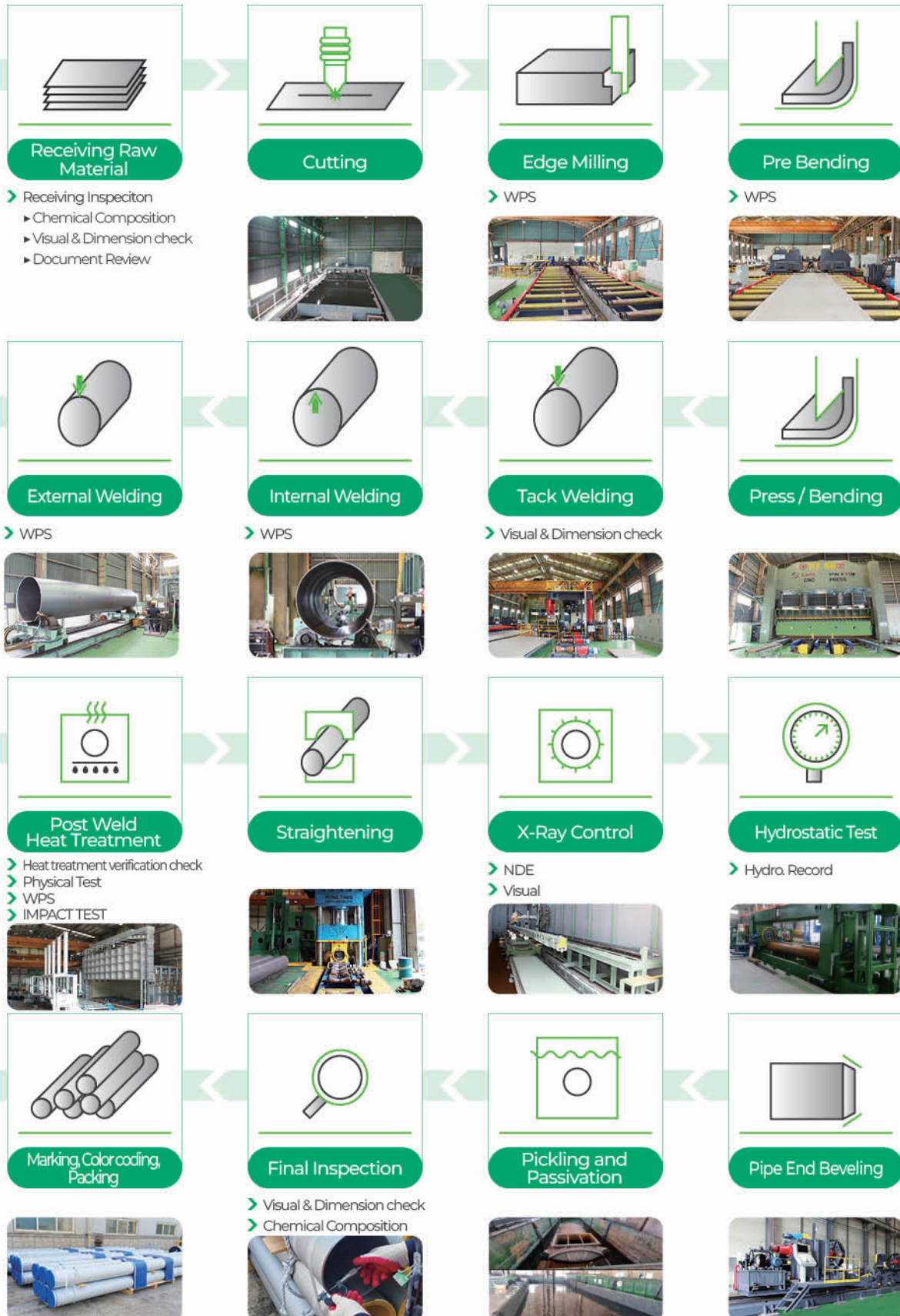


2nd Factory



3rd Factory

Manufacturing Process



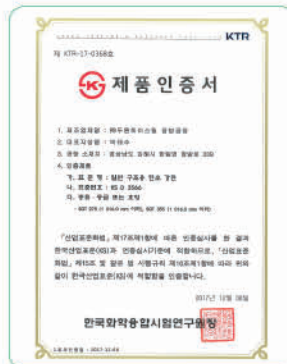
Certificates



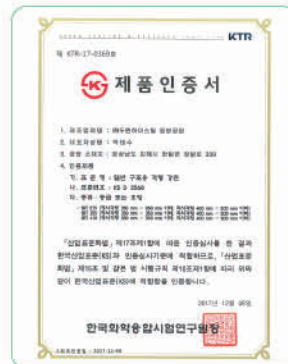
➤ ISO 9001



➤ ISO 14001



➤ KS D 3566



➤ KS D 3568



➤ JIS G 3457
JIS G 3444



➤ JIS G 3466



➤ JIS G 3457



➤ Bureau Veritas type Approval



➤ DNV-GL



➤ Lloyd's Register CU-NI
TYPE APPROVAL



➤ Lloyd's Register SUS
TYPE APPROVAL



➤ RUSSIAN MARITIME
REGISTER OF SHIPPING

More than just a welded pipe producer



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2nd Factory

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