LS Metal

LS Metal Co., Ltd www.lsmetal.biz

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Stainless Steel Welded Pipe

LS Metal



LS Metal STAINLESS STEEL WELDED PIPE

Company Profile

LS Metal is a leading manufacturer of stainless steel welded pipe, providing services from manufacturing to project management for the global oil and gas, petrochemical plant, offshore and shipbuilding industries.

The brisk change and huge demand of clean, long-lasting energy necessitated a global provider of various products and advanced service at once who meets severe conditions required by high-end project.

To accommodate the waves, LS Metal chose to bring an integrated business for pipe materials, transitioning itself to the whole service provider in energy industry.

LS Metal will be everywhere when customer needs us, building values with them.





Products & Certification

Certificate and approvals, along with wide range of product line, make LS Metal one of the most vibrant pipe makers in the world. Over 70% of special pipe in shipbuilding industry in Korea does LS Metal supply its product.

Types of production system

	Tube Mill	Roll Bender	Press Bender
Outside Diameter (mm)	Max. 323.85	Max. 2032	Max. 1371.6
Wall Thickness (mm)	Max. 12.7	Max. 20	Max. 55
Length (m)	Max. 12	Max. 6	Max. 12

Certificates

Certificate	Cert. No.	Issued by
ISO 9001	QMS-0260 / 42840	KSA / ABS
ISO 9001	AP 1420	HSB
ISO 14001	EMS-0127 / HSBRSK-E164	KSA / HSB
OHSAS 18001	HSS-0034 / AP-S1443	KSA / HSB
PED 97/23/EC	42841 / HSBI-10-03-103	Pressure Equipment Directive / HSB
KS D3576	5462	Korean Standard
JIS G3459	KSKR08101	Japanese Industrial Standard
GOST	0694402 / 0694403	"Euro-Asian Council for Standardization, Metrology and Certification"

Ship's Classificates

BV	DNV	GL	KR	LR	NK	RINA



Bending ▶

- LNG carrier
- LNG FPSO



Welding

Production Range

Range

OD(NB)	OD(mm)	T(mm)	OD(NB)	OD(mm)	T(mm)
1/2	21.34	2~3	36	914.40	7~41
3/4	26.67	2~3	38	965.20	7~45
1	33.40	2~4	40	1016.00	7~45
1-1/4	42.16	2~4	42	1066.80	8~55
1-1/2	48.26	2~4	44	1117.60	8~55
2	60.33	2~5	46	1168.40	8~55
2-1/2	73.03	2~6	48	1219.20	8~55
3	88.90	2~6	50	1270.00	8~55
3-1/2	101.60	2~6	52	1320.80	8~55
4	114.30	2~6	54	1371.60	8~55
5	141.30	3~8	56	1422.40	8~40
6	168.28	3~8	58	1473.20	8~40
8	219.08	3~8	60	1524.00	8~40
10	273.05	3~9	62	1574.8	8~40
12	323.85	3~10	64	1625.6	8~40
14	355.60	4~28	66	1676.4	8~40
16	406.40	4~31	68	1727.2	8~40
18	457.20	4~35	70	1778	8~40
20	508.00	4~38	72	1828.8	8~40
22	558.00	4~38	74	1879.6	8~40
24	609.60	4~39	76	1930.4	8~40
26	660.40	4~41	78	1981.2	8~40
28	711.20	5~41	80	2032	8~40
30	762.00	5~41	82	2082.8	8~40
32	812.80	6~41	84	2133.6	8~40
34	863.60	7~41			

Grades

300 series	304, 316, Dual Grade, 321, 317, 347
410 series	S41003
Duplex & Super Duplex	S31803, S32750, S32760, S32205
Inconel	N06625
6% Moly	S31254
Incoloy	N08825
Hastelloy	N10276
CU-NI	C70600

Quality Control

In-house test facilities, on the top of experience and process for years, guarantee thorough control over the quality. Automatically managed traceability system enables real time monitoring through whole manufacturing time.

Receiving Inspection
- Chemical Composition
- Visual & Dimension Inspection
- PMI
- Documents Review

Traceability
- Dot Marking
- PIS : Production Information System

Process Inspection
- Welding Inspection
- Heat Treatment
- NDT (RT/PT)
- Hydrostatic Test
- PMI

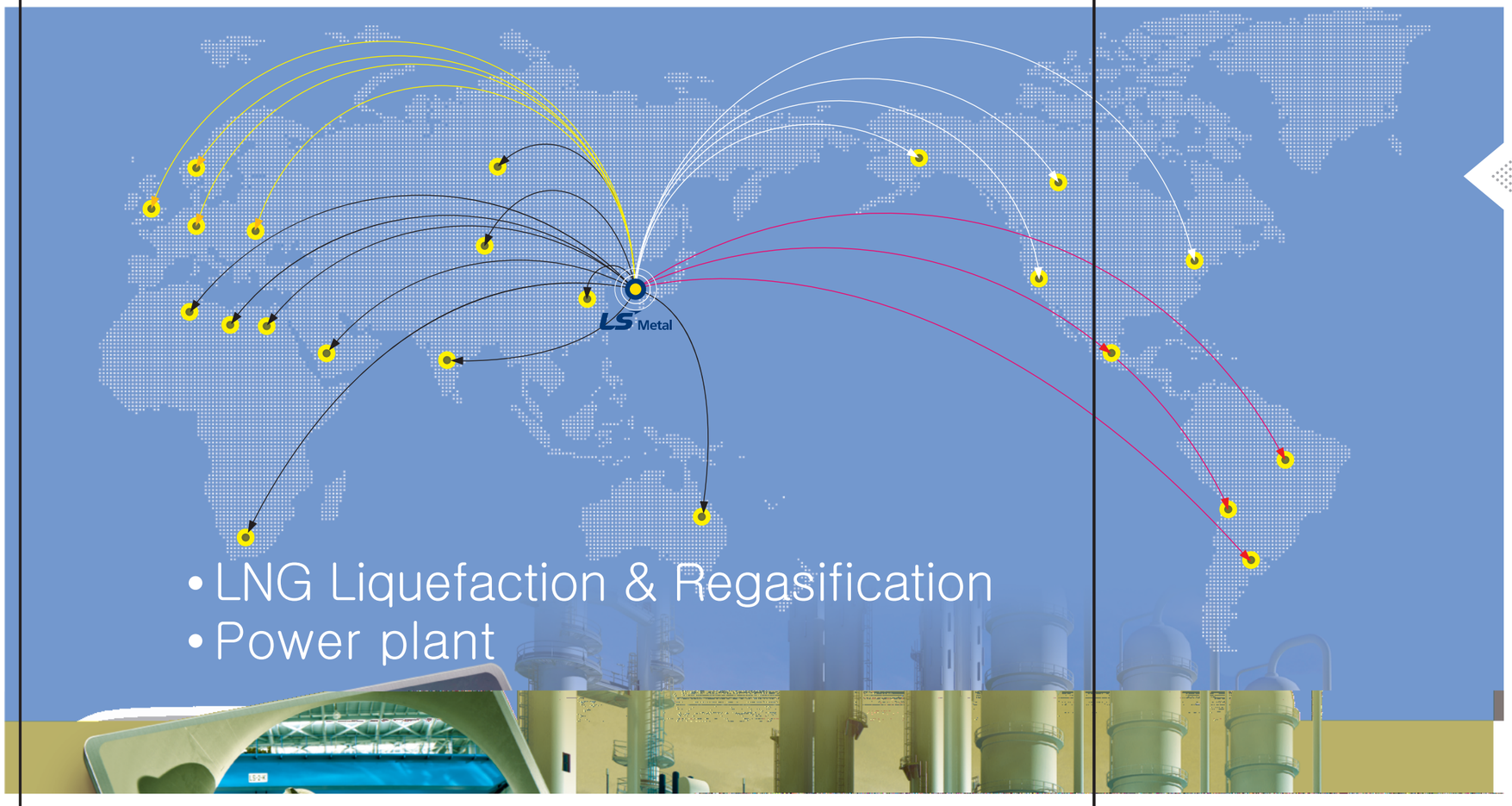
Testing
- Tensile Test, Hardness Test, Impact Test
- Corrosion Test, Micrographic Examination

Certification
- EN10204 Type 3.1 / ISO 10474 3.1 - 2004
- EN10204 Type 3.2 / ISO 10474 3.2 - 2004

After Sales Service
- Domestic / Overseas After Sales



Heat Treatment



◀ Inspection

Packing & Logistics

To assure LS Metal's comprehension that project does not end at manufacturing but until delivery to the customer, exceptional care is given to packing.
Before packing, materials are capped with plastic cover at both ends to avoid possible contamination.
Once packed, it undergoes heat treatment, fumigation, and symbol markings in accordance with international standard.
Complete package after storage under safe, protected yards is loaded on truck and shipped out to seaport, one hour distance.

