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MARINE FITTING, OCEANTECH

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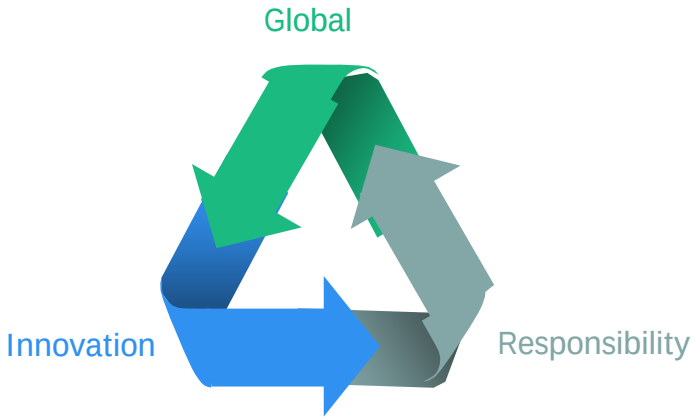
HISTORY

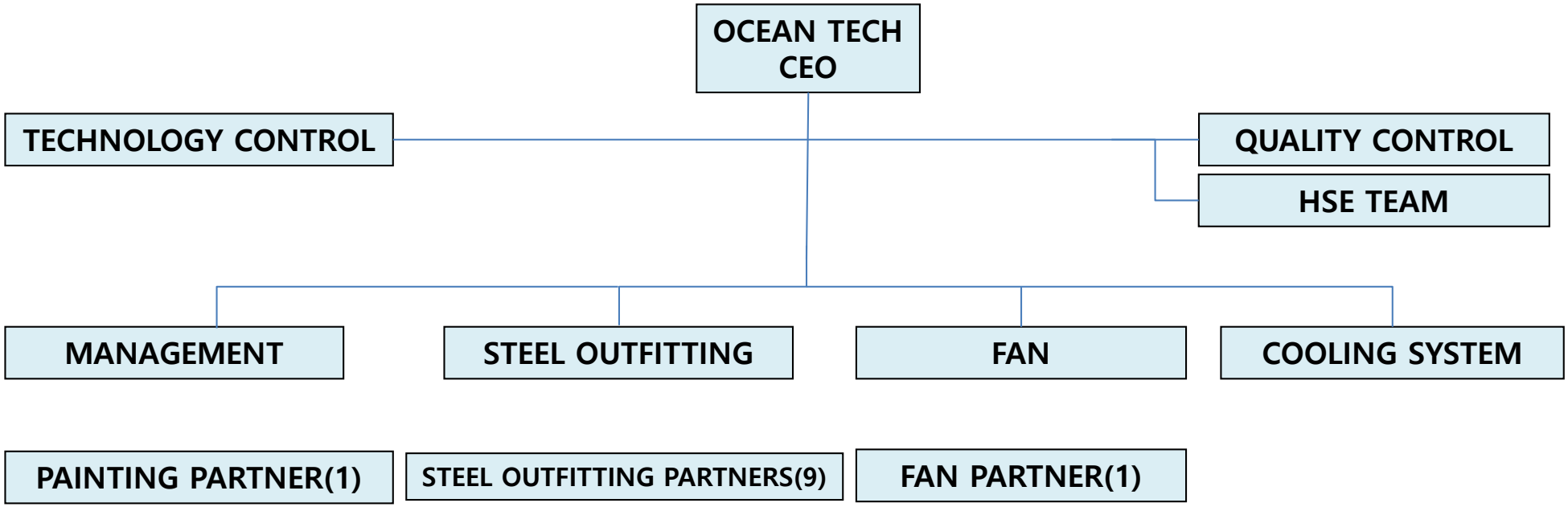
2006	FEB.	Established OCEANTECH CO., Ltd.
	MAR.	SPP ship building Co., Ltd registration
	JUN.	Transferred to Kim-Hae Factory
	AUG.	DAEWOO Ship building & marine engineering registration
2008	APR.	Acquirement the ISO9001 / ISO14001
	MAY.	Established 2nd Factory
2009	JULY.	Conversed to the OCEAN TECH Co.
	AUG.	SHINHAN Machinery Co., Ltd. Company registration
2010	JAN.	Acquired DSME Quality Certification
	MAR.	DSEC Machinery Co., Ltd. Company registration
2012	DEC.	Acquired WPS L.R / D.N.V / A.B.S
2013	JULY.	Transferred to a New Extended Establishmemts
2014	APR	Established the Research Center
2015	JAN	Cooling System Establish
2016	APR	Fan Department Establish



Company Overview

Company name	Ocean tech Co, Ltd.
CEO	LEE CHUN WOOK
Capital	200,000,000 WON
Revenue	14,500,000,000 WON
Company Area	Head Office_15,510㎡ Factory-2_5,620㎡
Employees	38

ORGANIZATION CHART



구분	CEO	MANAGEMENT DIRECTO	MANAGE MENT	STEEL OUTFITTING	FAN	TOTAL
MANAGEMENT	1	1	4	6	5	17
PRODUCTION				10	11	21
TOTAL	1	1	4	16	16	38

FAN DEPARTMENT

▶ MAIN PRODUCTS

1) Ventilator For Marine use

- Ventilation Fans
- Dampers
- Mushroom head Damper
- Silencer

2) Ventilator For Diesel Locomotive use

- Engine cooling fans

FAN TYPE & ACCESSORY

AXIAL FAN

KEYHOLE FAN

CENTRIFUGAL FAN

MUSHROOM HEAD

DAMPER

SILENCER

AXIAL FLOW FAN

▶ Axial Flow Fan

1. Features

- Efficient to the low pressure performance of large air volume
- Airfoil-shaped blade using Al-alloy with steel bolt
- High efficiency and low noise on account of the guide vane
- Various maintenance structures fitting user's requests
- Optimized performance with adjusted pitch blades

2. Purpose

- It can be used for the smooth ventilation in the limited space which needs air ventilation / cooling / heating and also can be used for mechanical exhaust / supply considering the standard air change corresponding to its use in the room.
  It is suitable when large air volume is needed and the distance between the space for ventilation and the outer body is short.

3. Application Space

- SHIP : Engine rm. Fan, Hold Fan, Purifier rm. Fan, Paint store, etc.
- LAND : Ventilation Fan
- PLANT : Ventilation Fan

No.	Contents	Technical Range
1	Air volume	Up to 5,000 m^3/min
2	Static pressure	Up to 130 mmAq
3	Fan diameter	300mm ~ 2,500mm
4	Motor capacity	0.4Kw ~ 200Kw
5	Air velocity	1 ~ 25m/s
6	Fan speed	750 ~ 3600 RPM
7	Sound level	60 ~ 120 dB
8	Efficiency	50 ~ 87%
9	Use	Ship, Plant, Land

KEYHOLE FAN (AXIAL)

▶ Keyhole Fan

1. Features

- Efficient to the medium pressure performance of large air volume
- Airfoil-shaped blade using Al-alloy with steel bolt
- Ocean tech's unique design comparing to the products of other company
- Applicable to various Ex-motors fitting user's requests

2. Purpose

- It can get rid of the risk of explosion by cutting off and preventing the contact of the electric motor and gas at the mechanical exh. / sup. ventilation, and leading discharge air upwards in the explosive area where dangerous gas leaks or exists in a ship. It is suitable for the area where relatively large air volume and medium pressure are needed.

3. Application Space

- SHIP : Pump rm. Fan, Comp. rm. Fan, Battery rm. Fan, etc.
- LAND : Ventilation Fan
- PLANT : Ventilation Fan

No.	Contents	Technical Range
1	Air volume	Up to 4,000 m^3/min
2	Static pressure	Up to 90 mmAq
3	Fan diameter	400mm ~ 2,000mm
4	Motor capacity	0.2Kw ~ 160Kw
5	Air velocity	1 ~ 25m/s
6	Fan speed	750 ~ 3600 RPM
7	Sound level	70 ~ 120 dB
8	Efficiency	50 ~ 87%
9	Use	Ship, Plant

CENTRIFUGAL FAN

▶ Centrifugal Fan

1. Features

- Efficient to the high pressure performance of small air volume
- Suitable for high pressured space with long distance between ventilation and the outer body
- Various maintenance structures fitting user's requests
- Optimized performance with 6 types of Impeller

2. Purpose

- It can be used for the smooth ventilation in the limited space which needs air ventilation / cooling / heating and also can be used for mechanical exhaust / supply considering the standard air change corresponding to its use in the room.
  It is suitable when large air volume is needed and the distance between the space for ventilation and the outer body is short.

3. Application Space

- Pump room / Sanitary room / Sanitary room / Gas free Auxiliary / Boiler F.D / Plant / Etc.

No.	Contents	Technical Range
1	Air volume	Up to 2,000 m^3/min
2	Static pressure	Up to 1,500 mmAq
3	Fan diameter	100mm ~ 1,800mm
4	Motor capacity	0.2Kw ~ 200Kw
5	Air velocity	1 ~ 80m/s
6	Fan speed	750 ~ 3600 RPM
7	Sound level	60 ~ 135 dB
8	Efficiency	50 ~ 90%
9	Use	Ship, Plant, Land

MUSHROOM HEAD

▶ Mushroom Head

1. Features

- Maximized air flow from the Ocean Tech's unique type design
- Blocking up seawater and rainwater also cutting off air inflow to extinguish fire effectively
- Easy to open and close when using its handling type
- Maintaining watertight function even when damper is closed

2. Purpose

- An opening / closing damper is installed inside so that it can block up water used for fire extinguishing and high wave.
- It inlets or outlets air by connecting head with air ventilating. mechanical / natural fan, and it is installed on the upper part of plant so that it can prevent the direct inflow of rainwater and sea water.

DAMPER

▶ Damper

1. Features

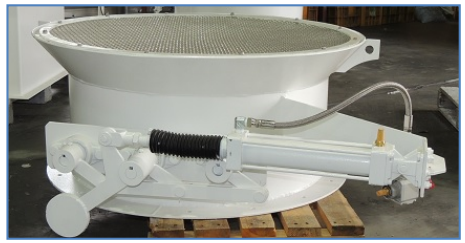
- Various designs for user's requests
- Watertight function meets all kinds of class rules
- High competitiveness in price through simple design without performance degradation
- Maximized efficiency of space by having multifunctional products connected to silencer

2. Purpose

- It can control air volume by being connected to the duct part of air ventilation. And at the fire of ship or building, it blocks up Flame or air to prevent a big fire in advance.

3. Kind of Type

- Type I : 1-Blade Type
- Type II : 3-Blade Type
- Type III : Rectangular Damper
- Type IV : Louver Multi-Blade Damper



SILENCER

▶ Silencer

1. Features

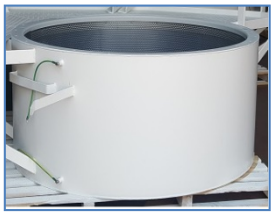
- Low noise comparing to the products of other company
- Novi-Sheet plastics with good sound absorption and flame retardation
- Various models for various noise
- Decreasing 5~8dB noise per length 1D(Diameter)

2. Purpose

- It is attached to fan or other equipment making noise so that it can directly block up or decrease noise from its source.
- In the case of ship, regulated noise level should be observed in the space according to its class rule, and if the noise doesn't meet the regulation, this product can be solely used to decrease the noise.

3. Kind of Type

- Type I : Circular / Rectangular Type (CA-1D) >> 5 ~ 8 dB
- Type II : Circular / Rectangular Type (CA-2D) >> 10 ~ 15 dB
- Type III : Circular / Rectangular Type (CPA-1D) >> 8 ~ 12 dB
- Type IV : Circular / Rectangular Type (CPA-2D) >> 13 ~ 18 Db
- Type V : with Damper & Mushroom head



COOLING FAN

▶ Diesel Locomotive Cooling Fan

1. Features

- Installed at Diesel locomotives
- Durability of Fan and Blade against continuous vibration and termed thermal strain
- Optimized efficient to alternating and current

2. Purpose

- Efficiently cooling for full load engine room

3. Option

- Grill for preventing foreign substance intake

JET FAN

▶ Jet Fan & Parking Garage Fan

1. Features

- Effectively satisfy required air change rate in tunnels and parking lots.
- Effectively ventilate air in emergency due to equal performance of toward front and toward rear.
- Effectively vent the contaminated air in underground parking lot which is generally poor in ventilation

WORKING FAN

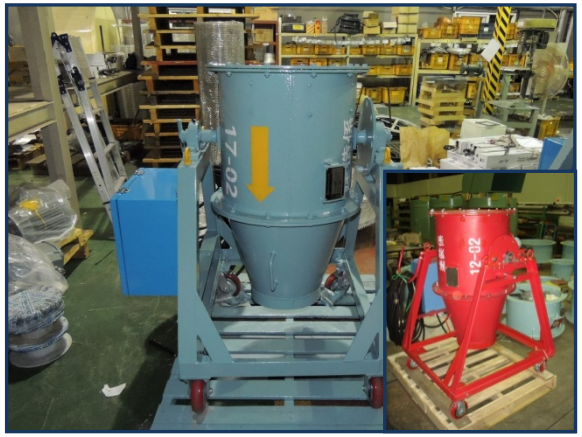
Manhole Fan (Box Type)

- ✓ **Use** : Discharge vessel inside gas to outside
- ✓ **Fan Type** : Axial flow Type (Box type)
- ✓ **Fan Size** : Dia. : 800mm, Height : Max. 1400mm
- ✓ **Capacity** : Air flow (500m3/min), Static pres.(40mmAq)
- ✓ **Motor** : 7.5kw, 4pole, IP55, Exd IIBT4
- ✓ **Accessories** : Control panel, Cable, Double Mesh
- ✓ **Customer** : Namura Shipyard

Manhole Fan (Cylinder Type)

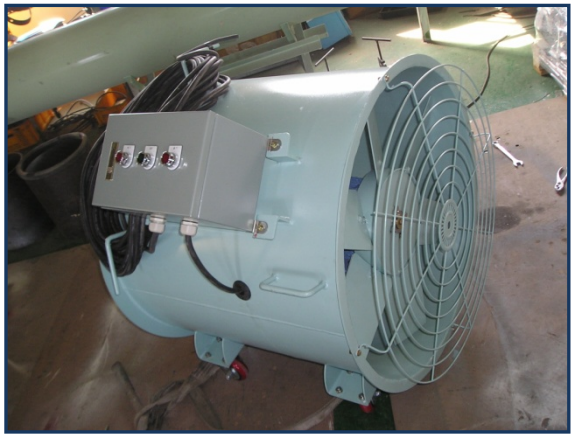
- ✓ **Use** : Discharge vessel inside gas to outside
- ✓ **Fan Type** : Axial flow Type (Cylinder type)
- ✓ **Fan Size** : Dia. : 800mm, Height : Max. 2800mm
- ✓ **Capacity** : Air flow (500m3/min), Static pres.(40mmAq)
- ✓ **Motor** : 7.5kw, 4pole, IP55, Exd IIBT4
- ✓ **Accessories** : Control panel, Cable, Double Mesh, Hood
- ✓ **Customer** : Namura Shipyard

WORKING FAN



Rocket Fan

- ✓ **Use** : Supply vessel outside gas to inside
- ✓ **Fan Type** : Axial flow Type (Rocket type)
- ✓ **Fan Size** : Dia. : 500mm, Height : Max. 1700mm
- ✓ **Capacity** : Air flow (150m3/min), Static pres.(50mmAq)
- ✓ **Motor** : 3.7kw, 2pole, IP55, Exd IIBT4
- ✓ **Accessories** : Control panel, Cable, Double Mesh, Caster
- ✓ **Customer** : Namura Shipyard



Portable Fan

- ✓ **Use** : Discharge vessel inside gas to outside
- ✓ **Fan Type** : Axial flow Type (Portable type)
- ✓ **Fan Size** : Dia. : 630~800mm, Height : Max. 1250mm
- ✓ **Capacity** : Air flow (300~500m3/min), Static pres.(30~50mmAq)
- ✓ **Motor** : 3.7~7.5kw, 4pole, IP55, Exd IIBT4
- ✓ **Accessories** : Control panel, Cable, In/Out Mesh, Caster
- ✓ **Customer** : STX, etc.

WORKING FAN

- ✓ **Use** : Discharge vessel inside gas to outside
- ✓ **Fan Type** : Axial flow Type (Cylinder)
- ✓ **Fan Size** : Dia. : 760mm, Height : Max. 1800mm
- ✓ **Capacity** : Air flow (~416m3/min), Static pres.(~30mmAq)
- ✓ **Motor** : 2.2kw, 6pole, IP56
- ✓ **Accessories** : Control panel, Cable, Auto cover
- ✓ **Customer** : DSME

Multi house Fan

- ✓ **Use** : Discharge vessel inside gas to outside
- ✓ **Fan Type** : Centrifugal Type
- ✓ **Fan Size** : Dia. : 700mm, Height : Max. 3000mm
- ✓ **Capacity** : Air flow (450m3/min), Static pres.(100mmAq)
- ✓ **Motor** : 15kw, 6pole, IP56
- ✓ **Accessories** : Control panel, Cable, Body, Outlet silencer & Cover
- ✓ **Customer** : YARD

House Fan

EQUIPMENT FOR VENT. FAN

▶ EQUIPMENT

- PROCESSING
- ASSEMBLY
- PAINTING
- TEST

FAN PROCESSING

FLANGE BENDING M/C

WELDING AREA

BENDING M/C

IMPELLER CUTTING & BALANCING M/C

▶Equipment

No.	Name	Spec.	Q'ty
1	Flange bending M/C	Ø500 ~ Ø2000	2
2	Roll bending M/C	Ø450 ~ Ø2000	1
3	Auto welding M/C	Ø400 ~ Ø2000	1
4	Bending M/C	-	1
5	Round Turn-table	Ø400 ~ Ø2000	1
6	Seam welding M/C	-	2
7	Welding M/C	Co2, TIG, MIG	25
8	Hyd. Press	50 ton	1
9	Hyd. Punching M/C	-	1
10	Impeller balancing M/C	Ø400 ~ Ø2000	1
11	Impeller cutting M/C	Ø400 ~ Ø2000	1
12	Impeller Ass'y Jig	Ø400 ~ Ø2000	1
13	Casing Welding Jig	-	1
14	Hoist	5ton/2.8ton/1ton	6
15	Forklift	7.5 ton / 1 ton	3
16	Mold(Hub, Blade, Guide vane, DC/AC Fan Hub, etc.)		9

FAN TEST ROOM

FAN TEST ROOM

ALL FAN PRODUCT HAVE BEEN QUALIFIED UNDER THE CONDITIONS REQUIRED BY CUSTOMERS.

PAINTING EQUIMENT

PAINTING SHOP

PAINTING SHOP

PAINTING SHOP

SHOT BLASTING

▶Painting Equipment

No.	Name	Spec.	Q'ty
1	Shot-Blasting	20*10*9m	1
2	Shot Blasting M/C	3*3*7m	1
3	Air Compressor	100HP	2
4	A/C Tower	1400 m3	1
5	D/Collector	650 m3	1
6	Hoist	5 ton	2
7	Hoist	2.8ton	4
8	Forklift	5 ton	1
9	Dehumidifier	NE-250-D	3
10	Heating Fan	TK-50K	3
11	Airless spray Ass'y	63:1	5
12	Film thick. Gauge	Elcometer	2
13	Thermometer	Elcometer	1
14	Wet & dry-bulb therm.	Elcometer	1
15	Wet film thick. Gauge	Elcometer	1

OCEANTECH

Reference List

Ventilation Fan

2016.04~2018.12

FAN(OCEANTECH) SALES REFERENCE

No	Project Number	Period	Ship Type	Project Name	Ordering	Relative Height	ITEM
1	S4055	2016. 04	22,000 CBM	ULTRANAV INTERNATIONAL S.A	STX	LPG	E/R Fan
2	S1724	2016. 04	49K DWT	Navig8 Chemical Tanker Inc.	STX	COT	E/R Fan
3	H2861	2016. 04	300K DWT	Alpha Tanker	HHI	VLCC	STORE Fan
4	H2794	2016. 04	300K DWT	Navig8 Chemical Tanker Inc.	HHIG	VLCC	MAIN P/P ROOM
5	H2537	2016. 04	50K	OSC	HMD	COT	FAN (Mach.)
6	S769	2016. 04	300K DWT	Navig8 Chemical Tanker Inc.	HSHI	VLCC	FAN (Hull)
7	H2439	2016. 04	50K	TRISTAR	HMD	COT	FAN (Hull)
8	H2540	2016. 04	50K	OSC	GMD	COT	FAN (Hull)
9	H2538	2016. 05	50K	OSC	GMD	COT	FAN (Mach.)
10	S769	2016. 05	300K DWT	Navig8 Chemical Tanker Inc.	HSHI	VLCC	FAN (Hull)
11	H2536	2016. 05	50K	OSC	HMD	COT	FAN (Hull)
12	S770	2016. 05	300K DWT	Navig8 Chemical Tanker Inc.	HSHI	VLCC	FAN (Hull)
13	H2848	2016. 05	159K DWT	ARCADIA	HHI	COT	FAN (Hull)
14	S4080	2016. 05	6,500 CBM	Shell	STX	LNG	E/R Fan
15	H2538	2016.05	50K	PRODUCT/CHEMICAL TANKER	HMD	PCT	FAN (Hull)
16	S769	2016.05	300 DWT	CLASS CRUDE OIL CARRIER	HSHI	COT	MAIN P/P ROOM
17	H2538	2016.05	50K DWT	PRODUCT/CHEMICAL TANKER	HMD	PCT	NO1~4 E/R FAN
18	H2848	2016.05	159,000 DWT	CLASS OIL CARRIER	HHI	COT	FAN (Hull)
19	H2798	2016.05	159,000 DWT	CRUDE OIL CARRIER	HHIG	COT	MAIN P/P ROOM
20	H2848	2016.05	159,000 DWT	CLASS OIL CARRIER	HHI	COT	MAIN P/P ROOM
21	H2826	2016.05	300K DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	FAN (Hull)
22	H2795	2016.05	300K DWT	CLASS CRUDE OIL CARRIER	HHIG	VLCC	FAN (Hull)
23	H2567	2016.05	50,000 DWT	CLASS PRODUCT CHEMICAL TANK.	HMD	PCT	FAN (Hull)

FAN(OCEANTECH) SALES REFERENCE

No	Project Number	Period	Ship Type	Project Name	Ordering	Relative Height	ITEM
24	H2826	2016.05	300K DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	FAN (Hull)
25	H147	2016.05	65M	Landing Craft	GOA(India)		VENT FAN
26	H2795	2016.05	300K DWT	CLASS CRUDE OIL CARRIER	HHIG	VLCC	MAIN P/P ROOM
27	H2861	2016.06	300K DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	FAN (Hull)
28	H2861	2016.06	300K DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	MAIN P/P ROOM
29	H2826	2016.06	300K DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	MAIN P/P ROOM
30	S770	2016.06	300K DWT	CLASS CRUDE OIL CARRIER	HSHI	VLCC	MAIN P/P ROOM
31	H2880	2016.06	300K DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	FAN (Hull)
32	H2827	2016.06	300K DWT	CLASS CRUDE OIL CARRIER	HHIG	VLCC	FAN (Hull)
33	H2880	2016.06	300K DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	MAIN P/P ROOM
34	H2827	2016.06	300K DWT	CLASS CRUDE OIL CARRIER	HHIG	VLCC	MAIN P/P ROOM
35	H2539	2016.06	50K DWT	PRODUCT/CHEMICAL TANKER	HMD	PC	FAN (Mach.)
36	H2540	2016.06	50K DWT	PRODUCT/CHEMICAL TANKER	HMD	PC	FAN (Mach.)
37	S26	2016.06	6,400 PS	CLASS TUG BOAT	GG		E/R FAN
38	H2798	2016.06	159,000 DWT	CLASS CRUDE OIL CARRIER	HHI	COC	FAN(Hull, Mach)
39	S4055	2016.06	159,000 DWT	CRUDE OIL TANKER	STX	COT	FAN
40	ZZ066	2016.06	22,000 LPG	CARRIER	ZZS	LPG	FAN
41	H106	2016.06	65M	LANDING DRAFT	MS&T		FAN
42	H2537	2016.06	50,000 DWT	CRUDE OIL TANKER	HMD	COT	FAN(Hull, Mach)
43	H2538	2016.07	50,000 DWT	CRUDE OIL TANKER	HMD	COT	FAN(Hull, Mach)
44	H2794	2016.08	300,000 DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	FAN
45	S771	2016.08	300,000 DWT	CLASS CRUDE OIL CARRIER	HSHI	VLCC	FAN(Hull)
46	H2539	2016.08	50K DWT	CRUDE TANKER	HMD		FAN(Hull, Mach)

FAN(OCEANTECH) SALES REFERENCE

No	Project Number	Period	Ship Type	Project Name	Ordering	Relative Height	ITEM
47	H2567	2016.09	50K DWT	CRUDE TANKER	HMD		FAN(Hull)
48	H2799	2016.09	159K DWT	CRUDE OIL TANKER	HHI	COT	FAN(Hull, Mach)
49	H2827	2016.09	300,000 DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	FAN(Hull)
50	H2861	2016.09	300,000 DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	FAN(Hull)
51	H2540	2016.09	50K DWT	CRUDE TANKER	HMD		FAN(Hull, Mach)
52	H029	2016.09	3,600 TEU	CONTAINER CARRIER	ASPI		FAN(Hold, H,M,A)
53	H2862	2016.09	300,000 DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	FAN(Hull)
54	H2795	2016.09	300,000 DWT	CLASS CRUDE OIL CARRIER	HHI	VLCC	FAN
55	S842	2016.09	300K OC	OIL CARRIER	HSHI	VLCC	FAN(Hull)
56	S427	2016.09	50K DWT	PRODUCT CARRIER	HMD	PC	FAN(Hull, Mach)
57	H2880	2016.09	300 DWT	OIL CARRIER	HHI	OC	FAN(Hull)
58	H2419	2016.10	263K	LNGC FSRU	DSME	LNG	FAN(Hull, Mach)
59	S843	2016.11	300K DWT	OIL CARRIER	HSHI	VLCC	FAN(Hull)
60	S435	2016.11	50K DWT	PRODUCT CHEMICAL TANKER	HMD	PCT	FAN(Hull, Mach)
61	S436	2016.11	50K	PRODUCT CHEMICAL TANKER	HMD	PCT	FAN
62	H2890	2016.11	84K	LPG	HHI	LPG	FAN(Hull, Mach)
63	H2766	2016.12	300K	CRUDE OIL TANKER	HHI	VLCC	FAN(Hull)
64	S844	2016.12	300K	CRUDE OIL CARRIER	HSHI	VLCC	FAN(Hull)
65	H2440	2016.12	50K	CRUDE TANKER	HMD		FAN(Hull, Mach)
66	H2591	2016.12	50K	PRODUCT CARRIER	HMD	PC	FAN(Hull)
67	H7049	2016.12	FRIGATE		DSME		FAN
68	S4080	2016.12	6,500 CBM	LNG CARRIER	STX	LNG	FAN(Hull. Mach)
69	H2891	2016.12	84K	LPG	HHI	LPG	FAN(Hull, Mach)

FAN(OCEANTECH) SALES REFERENCE

No	Project Number	Period	Ship Type	Project Name	Ordering	Relative Height	ITEM
70	H2849	2016.12	159K	CRUDE OIL TANKER	HHI		FAN(Hull, Mach)
71	H8184	2016.12	22K	LPGC	HMD	LPG	FAN(Hull)
72	H2592	2016.12	50K	PRODUCT CHEMICAL TANKER	HMD	PCT	FAN(Hull)
73	S845	2016.12	300K	OIL CARRIER	HSHI		FAN(Hull)
74	EK-004	2017.01	DCM	DCM BARGE	EKHI		FAN
75	EK-003	2017.01	3.5K	OIL TANKER	EKHI		FAN
76	H2892	2017.01	84K	LPG	HHI	LPG	FAN(Hull, Mach)
77	ASB1220	2017.01	RV	150TON RESPONSE VESSEL	ASB		FAN
78	H8185	2017.01	22K	LPGC	HMD	LPG	FAN(Hull)
79	S097	2017.01	50K	PRODUCT/CHEMICAL TANKER	HMD	PCT	FAN(Hull)
80	ASB1221	2017.02	RV	150TON RESPONSE VESSEL	ASB		FAN
81	S846	2017.02	300K	OIL CARRIER	HSHI	VLCC	FAN(Hull)
82	H030	2017.02	3,600 TEU	CONTAINER CARRIER	ASPI		FAN(Hold, Hull)
83	H8188	2017.02	38K LPG	LPG/NH3/VCM CARRIER	HMD	LPG	FAN(Hull, Mach)
84	H8189	2017.02	38K LPG	LPG/NH3/VCM CARRIER	HMD	LPG	FAN(Hull, Mach)
85	HN-2148	2017.03	165K	OIL CARRIER	SHI(FW)		FAN
86	H8201	2017.03	38K	LPG/NH3/VCM CARRIER	HMD	LPG	FAN(Hull, Mach)
87	S441	2017.03	50K	PRODUCT/CHEMICAL TANKER	HMD	PCT	FAN(Hull)
88	S443	2017.03	50K	PRODUCT/CHEMICAL TANKER	HMD	PCT	FAN(Hull)
89	S847	2017.03	300K	OIL CARRIER	HSHI	VLCC	FAN(Hull)
90	EK-001	2017.04	3.5K	OIL TANKER	EKHI		FAN
91	S442	2017.04	50K	PRODUCT/CHEMICAL TANKER	HMD	PCT	FAN(Hull)
92	H2881	2017.04	159K	OIL CARRIER	HHI		FAN(Hull)

FAN(OCEANTECH) SALES REFERENCE

No	Project Number	Period	Ship Type	Project Name	Ordering	Relative Height	ITEM
93	H8186	2017.05	22K	LPGC	HMD	LPG	FAN(Hull)
94	H2882	2017.05	159K	OIL CARRIER	HHI		FAN(Hull)
95	H-88	2017.05	OC	DOUBLE HOLE OIL CARRIER	HERMA		FAN
96	H-0105	2017.06	OT	OIL TANKER	HERMA		FAN
97	S848	2017.06	300K	OIL CARRIER	HSHI	VLCC	FAN(Hull)
98	201	2017.06	100T	100T PATROL SHIP	KN	PATROL	FAN
99	BT	2017.07	-	BOOSTER FAN	HHI(AK)		FAN
100	S444	2017.07	50K	PRODUCT/CHEMICAL TANKER	HMD	PCT	FAN(Hull)
101	H030	2017.07	3600 TEU	CONTAINER CARRIER	ASPI		FAN(Mach, Acco.)
102	S909	2017.07	157K	CRUDE OIL CARRIER	HSHI		FAN(Mach)
103	H8187	2017.08	22K	LPGC	HMD	LPG	FAN(Hull)
104	S909	2017.08	157K	CRUDE OIL CARRIER	HSHI		FAN(Mach)
105	S915	2017.08	158K	CRUDE OIL CARRIER	HSHI		FAN(Mach)
106	S916	2017.08	158K DWT	CRUDE OIL CARRIER	HSHI		FAN(Mach)
107	S849	2017.08	300K DWT	OIL CARRIER	HSHI	VLCC	FAN(Hull)
108	H8202	2017.09	38K	LPG/NH3/VCM CARRIER	HMD	LPG	FAN(Hull, Mach)
109	202	2017.09	100T	100T PATROL SHIP	KN	PATROL	FAN
110	HN-2149	2017.09	165K DWT	OIL CARRIER	SHI(FW)		FAN(Accom.)
111	RF	2017.09	-	ROCKET FAN	NAMURA		FAN
112	S850	2017.10	300K DWT	OIL CARRIER	HSHI	VLCC	FAN(Hull)
113	EK-002	2017.10	3.5K	OIL TANKER	EKHI		FAN
114	H-0115	2017.10	16K DWT	OIL TANKER	HERMA		FAN
115	S910	2017.10	157K DWT	CRUDE OIL CARRIER	HSHI		FAN(Mach)

FAN(OCEANTECH) SALES REFERENCE

No	Project Number	Period	Ship Type	Project Name	Ordering	Relative Height	ITEM
116	S856	2017.11	174K CBM	LNG CARRIER	HSHI	LNG	FAN(Hull)
117	S851	2017.11	300K DWT	OIL CARRIER	HSHI	VLCC	FAN(Hull)
118	HN-2150	2017.11	165K DWT	OIL CARRIER	SHI(FW)		FAN(Accom.)
119	H2648	2017.12	50K DWT	PRODUCT/CHEMICAL TANKER	HMD	PCT	FAN(Hull)
120	P0230	2017.12	RV	RESPONSE VESSEL	SW		FAN
121	S911	2017.12	157K DWT	CRUDE OIL CARRIER	HSHI		FAN(Mach)
122	MF	2017.12	-	MANHOLE FAN	NAMURA		FAN
123	P0231	2018.01	RV	RESPONSE VESSEL	SW		FAN
124	ES.K-02	2018.01	PV	PASSANGER VESSEL	Song Cam		FAN
125	S912	2018.01	157K DWT	CRUDE OIL CARRIER	HSHI		FAN(Mach)
126	HKS040	2018.02	1400 TON	FISHERY RESOURCE VESSEL	HKS		FAN
127	SB620	2018.02	1500 TON	FISHERY INSPECTION VESSEL	DS		FAN
128	S857	2018.02	174K CBM	LNG CARRIER	HSHI	LNG	FAN(Hull)
129	SB621	2018.03	1500 TON	FISHERY INSPECTION VESSEL	DS		FAN
130	DH1801	2018.03	TB	3,000PS TUG BOAT	DH		FAN
131	YSS168	2018.03	RV	150TON RESPONSE VESSEL	YSS		FAN
132	YSS169	2018.04	RV	150TON RESPONSE VESSEL	YSS		FAN
133	DH1802	2018.04	TB	2,400PS TUG BOAT	DH		FAN
134	U001/2/3	2018.05	RM	KARADENIZ POWER SHIP	-		FAN
135	DSME	2018.05	MHF	MULTI HOUSE FAN	DSME		FAN
136	17-YF	2018.06	YF	17-YARD FERRY	KN		FAN
137	YSS-176	2018.06	RV	TUG BOAT	YSS		FAN(Mach)
138	HK18-01	2018.06	KF	250TON CAR FERRY	HKM		FAN

FAN(OCEANTECH) SALES REFERENCE

No	Project Number	Period	Ship Type	Project Name	Ordering	Relative Height	ITEM
139	H-2984	2018.07	84K	84K CBM CLASS LPG CARRIER	HHI(FGK)		FAN(Acco.)
140	YSS170	2018.07	RV	150TON RESPONSE VESSEL	YSS		FAN(Mach, Hull)
141	H-2985	2018.07	84K	84K CBM CLASS LPG CARRIER	HHI(FGK)		FAN(Acco.)
142	YSS171	2018.08	RV	150TON RESPONSE VESSEL	YSS		FAN(Mach, Hull)
143	NTP0171	2018.09	114K	114K CRUDE/PRODUCT OIL TANK.	HHIC		FAN(Hull)
144	SN2241	2018.09	130K	TEEKAY 130,000 DWT SHTL	SHI(FGK)		FAN(Acco.)
145	18-YF	2018.10	YF	18-YARD FERRY	KN		FAN
146	S414,7	2018.11	50K	50K PRODUCT/CHEMICAL TANKER	HGS		FAN(Mach, Hull)
147	NTP0172	2018.11	114K	114K CRUDE/PRODUCT OIL TANK.	HHIC		FAN(Hull)
148	H7057	2018.11	-	FFX-BATCH- II	DSME		FAN
149	SN2242	2018.12	130K	TEEKAY 130,000 DWT SHTL	SHI(FGK)		FAN(Acco.)
150	H-2986	2018.12	84K	84K CBM CLASS LPG CARRIER	HHI(FGK)		FAN(Acco.)

FAN SALES REFERENCE

HYUNDAI HEAVY INDUSTRIES CO.,LTD.

DSME

한진중공업 HANJIN HEAVY INDUSTRIES & CONSTRUCTION

HYUNDAI MIPO DOCKYARD CO.,LTD.

SAMSUNG HEAVY INDUSTRIES

SUNGDONG Shipbuilding & Marine Engineering

HYUNDAI SAMHO HEAVY INDUSTRIES CO.,LTD.

HYUNDAI GLOBAL SERVICE

stx O&S

SAMWON CORP.

KANGNAM CORPORATION

aggreko

EK중공업주식회사 EK heavy industries Co.,Ltd.

FläktGroup DENCO HAPPEL SEMCO FLÄKT WOODS DELBAG ILOXAIR

Philly Shipyard

Keppel Corporation

NAMURA SHIPBUILDING CO.,LTD.

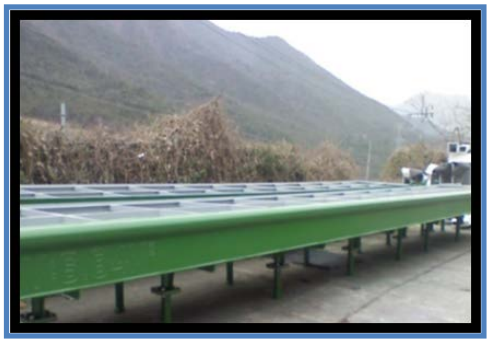
STEEL OUTFITING DEPARTMENT

▶ MAIN PRODUCTS

- Fore Mast
- Drip Tray
- EXH' Gas Pipe
- Vent Riser Mast
- Vent Post
- Trestle
- Mooring Fitting
- Traffic (SUS/AL/STEEL)
- Ocean Strut

STEEL OUTFITING

C/TANK TRAFFIC



SPILL TANK

TRESTLE

PIPE, TOWER, SUPPORT

STEEL OUTFITING

JIB REST

CARGO TANK TRAFFIC

FORE MAST

VENT RISER MAST

VENT POST

STEEL OUTFITING

AL LOUVER VENT

AL LOUVER VENT

OCEAN STRUT

Coil plate load → Roll forming (20 step) → Cutting → Unload

Certificate

ISO CERT 9001:2008 / ISO 14001:2004 / OHSAS 18001:2007

REGISTERED QUALITY MANAGEMENT SYSTEM

OCEANTECH Co., Ltd.

122-119, Sangdong-ro, Sangdong-myeon, Gimhae-si, Gyeongsangnam-do, Korea

ISO 9001:2008

Manufacture and Painting of Ship-Building Part and Industrial Equipment

TRA Certification International (TRACI) hereby declares that this facility has been audited in accordance with the requirements of ISO 9001:2008 and meets the accreditation criteria defined in the certification scheme of TRA Certification International (TRACI) #1106, ACE Twin Tower 1, 212-1 Guro-3 dong, Guro-Gu, Seoul, Korea, Republic Of.

Certificate No.: 21636 ISSUED: 15 July 2010
IAF Code: 17/18 REVISED: 27 June 2016
EXPIRES: 14 September 2018

Authorized By: Hwandeog Yu - Chairman

REGISTERED ENVIRONMENTAL MANAGEMENT SYSTEM

OCEANTECH Co., Ltd.

122-119, Sangdong-ro, Sangdong-myeon, Gimhae-si, Gyeongsangnam-do, Korea

ISO 14001:2004

Manufacture and Painting of Ship-Building Part and Industrial Equipment

TRA Certification International (TRACI) hereby declares that this facility has been audited in accordance with the requirements of ISO 14001:2004 and meets the accreditation criteria defined in the certification scheme of TRA Certification International (TRACI) #1106, ACE Twin Tower 1, 212-1 Guro-3 dong, Guro-Gu, Seoul, Korea, Republic Of.

Certificate No.: 21637 ISSUED: 15 July 2010
IAF Code: 17/18 REVISED: 27 June 2016
EXPIRES: 14 September 2018

Authorized By: Hwandeog Yu - Chairman

REGISTERED OCCUPATIONAL HEALTH AND SAFETY MANAGEMENTSYSTEM

OCEANTECH Co., Ltd.

122-119, Sangdong-ro, Sangdong-myeon, Gimhae-si, Gyeongsangnam-do, Korea

OHSAS 18001:2007

Manufacture and Painting of Ship-Building Part and Industrial Equipment

TRA Certification International (TRACI) hereby declares that this facility has been audited in accordance with the requirements of OHSAS 18001:2007 and meets the accreditation criteria defined in the certification scheme of TRA Certification International (TRACT) #1106, ACE Twin Tower 1, 212-1 Guro-3 dong, Guro-Gu, Seoul, Korea, Republic Of.

Certificate No.: OHSAS-0174 ISSUED: 01 July 2016
IAF Code: 17/18 REVISED: 01 July 2016
EXPIRES: 01 July 2019

Authorized By: Hwandeog Yu - Chairman

CERTIFICATE

제 2015112060 호

기업부설연구소 인정서

1. 연 구 소 명: 오션테크(주) 기업부설연구소
[소속기업명: 오션테크(주)]
2. 소 재 지: 경상남도 김해시 상동면 상동로 122-119
3. 신고 연월일: 2015년 4월 21일

미래창조과학부

「기초연구진흥 및 기술계발지원에 관한 법률」 제14조, 같은 법 시행령 제16조제1항 및 제27조제1항에 따라 위와 같이 기업부설연구소로 인정합니다.

2015년 4월 22일

kpita 한국산업기술진흥협회장

제 141101-01099 호

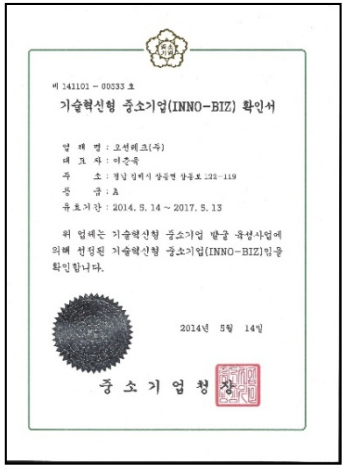
정영형신형 중소기업(MAIN-BIZ) 확인서

업 체 명 : 오션테크(주)
대 표 자 : 이춘욱
주 소 : 경남 김해시 상동면 상동로 122-119
유효기간 : 2014.05.14 ~ 2017.05.13

위 업체는 정영혁신형 중소기업 발굴 육성사업에 의해 선정된 정영혁신형 중소기업(MAIN-BIZ)임을 확인합니다.

2014 년 05 월 14 일

중 소 기 업 청 장


제 141101 - 00033 호

기술혁신형 중소기업(INNO-BIZ) 확인서

업 체 명 : 오션테크(주)
대 표 자 : 이춘욱
주 소 : 경남 김해시 상동면 상동로 122-119
종 급 : A
유효기간 : 2014. 5. 14 ~ 2017. 5. 13

위 업체는 기술혁신형 중소기업 발굴 육성사업에 의해 선정된 기술혁신형 중소기업(INNO-BIZ)임을 확인합니다.

2014년 5월 14일

중 소 기 업 청 장

특허증
CERTIFICATE OF PATENT

특허 제 10-1532296 호

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

특허증
CERTIFICATE OF PATENT

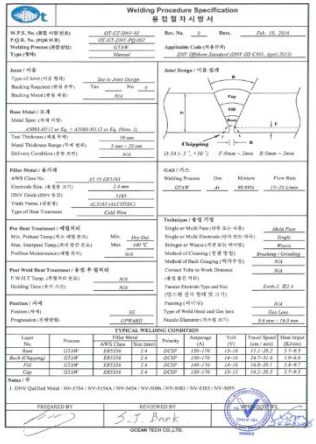
특허 제 10-1499690 호

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

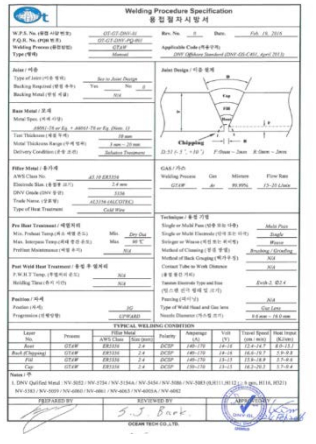
특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

DNV WPS(AL/SUS 316L)

3G, 5083

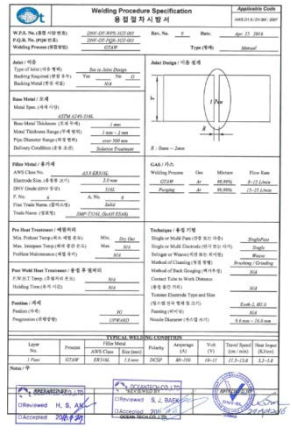


3G, 6061

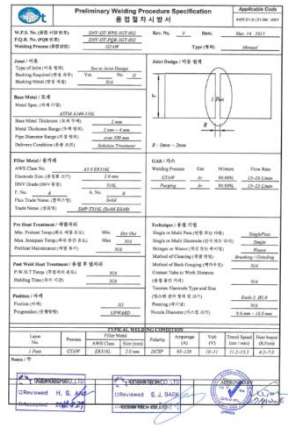


EN WPS(AL)

3G 1T

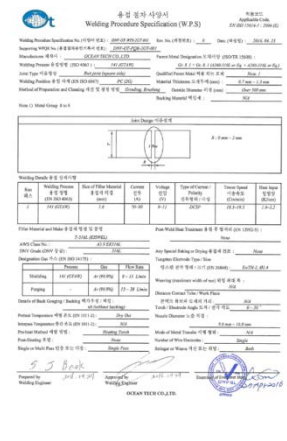


3G 2T

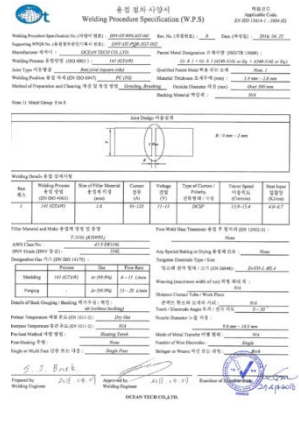


EN WPS(SUS 316L)

2G 1T



2G 2T



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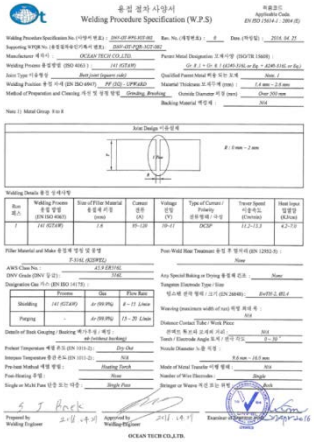
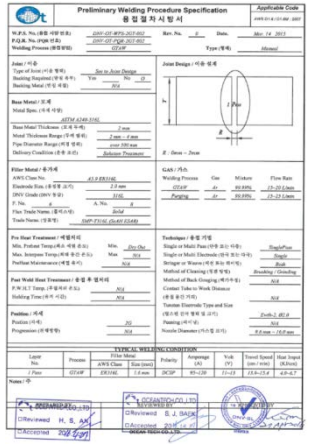
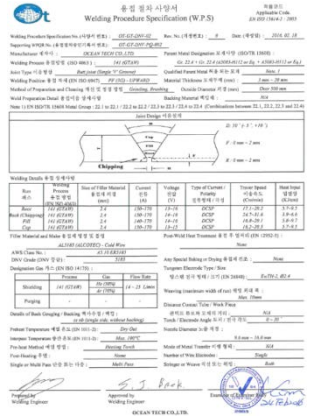


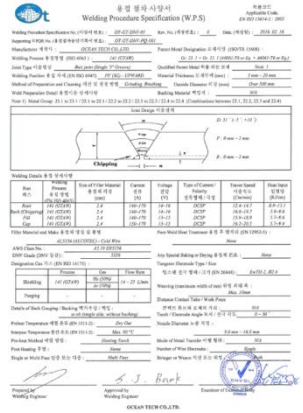
2G 2T



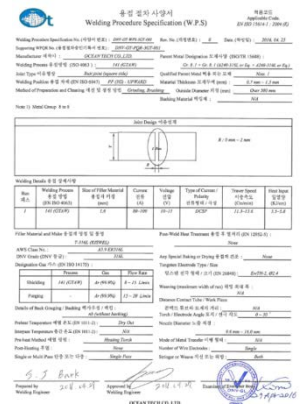
3G, 5083



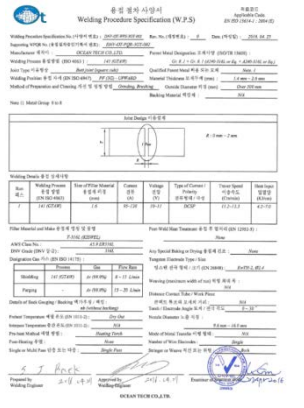
3G, 6061



3G 1T



3G 2T



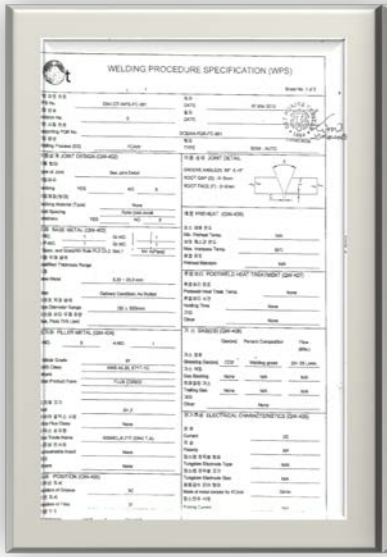
ABS/DNV/LR WPS

ABS 3G, SS400

AMERICAN BUREAU OF SHIPPING
MISCELLANEOUS SURVEY REPORT

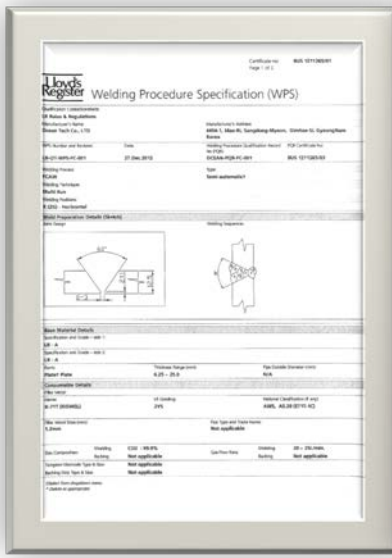
Welding Procedure Survey

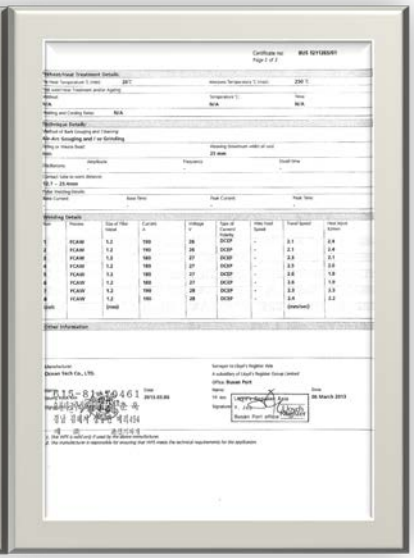
DNV 3G, SS400


WELDING PROCEDURE SPECIFICATION (WPS)

WELDING PROCEDURE SPECIFICATION (WPS)

LR 3G, SS400

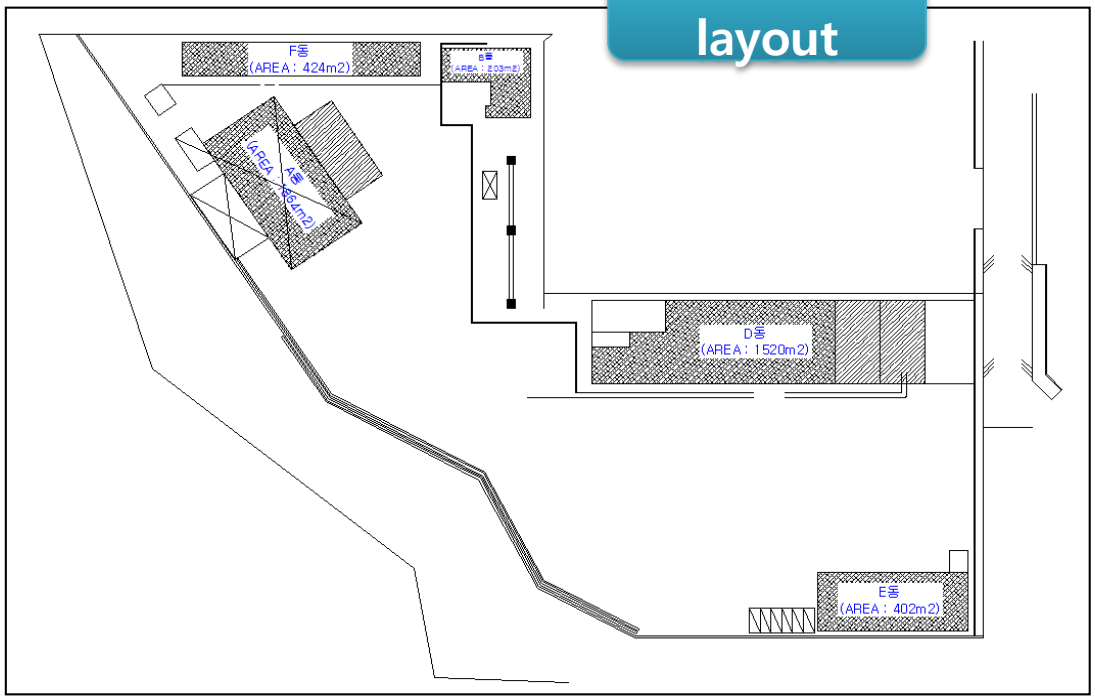

Welding Procedure Specification (WPS)



LOCATION

Location

YARD layout



NO.	Factory	Area
1	A	1864m²
2	B	203m²
3	D	1520m²
4	E	402m²
5	F	424m²

Adress : 122-119, Sangdong-ro, Sangdong-myeon, Gimhae-Si, Gyeongnam, Korea

Homepage : http://www.oceantech-kr.com/

Mail(fan division) : fan@oceantech-kr.com

TEL : 055)904-7855 FAX : 055)904-6955

Thanks.