



CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS006421

This is to certify that

HANYOUNG ENTERPRISE LTD.

Address : 206, Haeyang-ro, Yeongdo-gu, Busan, Korea

is approved as a service supplier to provide the following service under Guidance for Approval of Service Suppliers and the relevant requirement of the society rule.

Scope of service

**The servicing Inflatable liferafts, Inflatable lifejackets, Hydrostatic release units, Inflatable rescue boats, Marine Evacuation System
Maintenance, thorough examination, operational testing, overhaul and repair of Lifeboats, Rescue boats, Launching appliances, Release gear**

This certificate is valid until **2024.12.09**

Issued at **Busan** on **2021.12.07**

See the appendix for details regarding manufacturer authorizations, etc

KOREAN REGISTER

General Manager of
Survey Team

TERMS AND CONDITIONS

A. The Responsibility and Duty of the Registered Company

- (1) The operator who carries out the service shall possess the appropriate license issued by the Government or have equivalent qualifications.
- (2) The registered company shall be responsible for ensuring the safety of the operator from any danger which can arise during operation.
- (3) The registered company shall check the equipment to ensure the proper functioning of the equipment before operation.
- (4) The registered company, if necessary, shall have the equipment calibrated by authorized organizations in order to maintain the required accuracy within the period prescribed in the standard, and have the contents recorded and maintained.
- (5) The registered company shall keep a copy of the service report submitted to this Society and applicant for at least 5 years.
- (6) The registered company shall notify this society immediately of any alterations of the condition at the time of the approval, including changes of staff and of any entries on this certificate.

B. Confidentiality

The detail information acquired during the job shall not be disclosed or released to third party without permission of the applicant or this Society.

C. Scope and Limitation

The extent of engagement is limited to the scope stated on this Certificate unless attached otherwise.

D. Renewal of the Approval

Renewal audit should be carried out within 3 months before the expiry date of Certificate. However, the validity of new Certificate will be started from the next day of expiry date of previous Certificate.

E. Cancellation of Approval

The approval may be cancelled in cases:

- (1) Where the service provided is improperly carried out or the results are improperly reported.
- (2) Where the Society's surveyor has found major deviations in the operating system of the firm.
- (3) Where the supplier fails to inform of any alteration to the operation system to this Society.
- (4) Where occasional audit, when deemed necessary by this Society, has not been carried out.
- (5) Where wilful acts or omissions are ascertained.
- (6) Where the approval fees are not paid.



APPENDIX I

No. : HDO-LS-0064-21

This service supplier has been approved to service the equipment listed in the appendix in accordance with Resolution MSC.402(96)

The approval is granted for the following brands in valid only :

A. Manufacturer(s) of lifeboats, Rescue boats, Launching appliance, Release gear / Type

- BOATBUILDING BRANCH QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD. /

Lifeboat Total enclosed : BH-5.5A,5S,5SA,E500,E585,6,6A,6S,E670,7A,7B,8.

Lifeboat Freefall : BH-F6.0,F7.0A,F7.8,F8.1,F5.8,F6.8,F660,F670,F750,F900

Rescue : BH-R4,R4S,R4SA,R5S,HR6,HR7

Davit Gravity Pivot : BD-PV50,PV60,PV60S,PV85,PV125,AR125,AR160S

Davit Freefall launching : BD-FF55,55A,55R,FF80,80A,80R,80B,FF66,FF67,FF85

Davit Single arm : BD-SA14,14A,14B,SA21,21A,SA23,SA30,30A,SA33,SH23

Release Mechanism Gravity Lifeboat : BG-3,3L,BG-7 ; BH-HOOK3,HOOK5,FS5,FS7

Release Mechanism Freefall Lifeboat : BG-3,5F,4F,4.5F,4.5FL,5F,6F

Release Mechanism Rescue boat : BG-2R,15KNXS,25KNXS,35KNXS

- Jiangsu Jiaoyan Marine Equipment Co.,Ltd. (Ex. Jiangyin Xinjiang F.R.P Co., Ltd.) /

Free Fall lifeboat : JY-FN-4.9, JY-FF-4.9, JY-FN-5.8, JY-FF-5.8

JYM-FN-6.65, JYM-FF-6.65, JY-FN-6.8, JY-FF-6.8

JY-FN-7.5, JY-FF-7.5, JY-FN-8.5, JY-FF-8.5

Rescue boat : GJ4.2, GJ4.25, GJ4.5, GJ5.0, GJ5.25, GJ6.0B-1, GJ6.10, GJ7.50, GJ8.0Q-2, GJ8.5Q-2

Totally enclosed lifeboat :

JY-QFP/N-5.0, JY-QFP/N-5.25, GTR57JYC/F, JY-QFP/N-6.0A, JY-QFP/N-6.50

JY-QFP/N-7.0, JY-QFP/N-7.5, JY-QFP/N-7.50A, JY-QFP/N-8.00

JY-QFP/N-8.50, JY-QFP/N-8.50X, JY-QFP/N-9.35, JY-QFP/N-10.90A

Hook : JX and JXN Series

Gravity luffing arm type davit : JYL52, JYL55, JYL68, JYL85, JYL105, JYL135

Launching appliance : JYF55, JYF75, JYF75-B, JYF90

Platform Davit : JYP65, JYP85, JYP105, JYP135

Single arm davit : JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21

Electric Boat Winch :

FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21

- SANGSANGIN INDUSTRY CO., LTD.

(Ex. DONGNAM MARINE CRANE Co., Ltd. and Dongnam Enterprise) /

DH SERIES, DLRD, DSAD, PV combined

- Wuxi Hai Hong Boat Making Co., Ltd. /

Totally enclosed life / rescue boat series :

HH70C / HH70T (QFP7.0/QFN7.0), HH85CS / HH85TS (QFP8.5/QFN8.5)

HH65CS / HH65TS (QFP6.5/QFN6.5), HH75CS / HH75TS (QFP7.5/QFN7.5)

HH80CS / HH80TS (QFP8.0/QFN8.0), HH65C / HH65T (QFP(H)6.5/QFN(H)6.5)

HH50C / HH50T, HH53C / HH53T (QFP(H)5.3)

HH75C (QFP(H)7.5), HH85C / HH85T, HH57C / HH57T

Freefall Lifeboat Series : HH59FC / HH59FF / HH76FC / HH76FF

Rescue Boat Series : GJ4.5B / GJ4.5B1

High Speed Rescue Boat Series : GJ618A / GJ618B

Release Gear Series : HH76 / HH43 / HH30 / HH20

Endorse



APPENDIX I

No. : HDO-LS-0064-21

- HLB (ex. Hyundai Lifeboats) Co., Ltd. and BADA Heavy Industries (ex. D.R.M) Co., Ltd. /
Lifeboat and Rescue Boat : Series of HD, HDL, HLB ; HDFL, HDFN ; HDR and HDFR
Release Mechanism : Series of THP, Talon and Talon II
Davit : Series of BDH, BDTD, BDHP, BDTW, BDRW, BDM and BFOD Series of HDFL, HDF, BDF, BDR, BDH, BDA, BDFA, BDL, BDR and BHI
Winch : Series of BAW, BDF, BLW, BMW, BRW, BWL, BWR and FHW
Release Mechanism : Series of BDR, BHA and BHR

- DSB Engineering Co., Ltd. /
Gravity type Lifeboat :
DSB50F/C, DSB58F/C, DSB60F/C, DSB75F/C, DSB85F/C, DSB95F/C, DSB150F/C
Gravity type Davit : DSB60DL, DSB85DL, DSB138DL, DSB205DL
Hydraulic type Davit : DSB150DYL
Freefall type Lifboat : DSB49FF/FC, DSB59FF/FC, DSB75FF/FC
Freefall type Davit : DSB70DF, DSB85DF
Rescue boat : DSB40R, DSB60RA/RB
Rescue boat Davit : DSB23DR, DSB30ARH, DSB18/27DR

- Oriental Precision and Engineering Co., Ltd. /
* HINGED GRAVITY TYPE DAVIT and WINCH :
DAVIT : HGD SERIES, HGK SERIES, SHS SERIES,
RTD SERIES, DHA SERIES, DMA SERIES
WINCH : BWE SERIES, SWE SERIES, WL SERIES
* FREE FALL DAVIT and WINCH : FD SERIES, WL SERIES
* RESCUE / LIFERAFT DAVIT and WINCH : RD SERIES, RDW SERIES

- Jiangyin Wolong F.R.P Boat Co., Ltd. /
Totally Enclosed Lifeboat :
JY50C/F, JY50CA/FA, JY57C/F, JY60C/E/F, JY65C/F, JY70C/F, JY80C/F, JY80CA/FA,
JY85C/F, JY85CA/FA, JY85CB/FB, JY93C/F, JY102/F, JY117C/F
Free Fall Lifeboat : JY49CF/FF, JY59CF/FF, JY67CF/FF, JY85CF/FF, JY109CF/FF
Rescue boat : JY40KR, JY42KR, JY45DR, JY45KR, JY50R, JY54KR, JY60KR, JY65KR, JY75KR, JY85KR
Partially Enclosed Lifeboat : JY70P, JY80P, JY85P
Open Type Lifeboat : JY45KR, JY55K, JY65K, JY70K, JY75K, JY80K, JY85K
Gravity Luffing Arm Type Davit : JY-LE65, JY-LE85, JY-LE100, JY-LE150
Launching Appliances of Free-fall Lifeboat : JY-FH55, JY-FH70, JY-FH90, JY-FH155
Platform Davit : JY-PL70, JY-PL110, JY-PL150, JY-PL185, JY-PL215
Single Arm Boat / Raft Davit :
JY-SAF21, JY-SAF23, JY-SA23S, JY-SA37S, JY-SR33S, JY-SAF33, JY-HSR23/16, JY-HSR33/23,
JY-FCR2066, JY-FCR2305
Rescue Boat Davit : JY-PLR21, JY-LFR27, JY-LRHE30, JY-LRHE70, JY-LFR35, JY-SAP14, JY-SAP30
Gravity overhead rolling type Davit : JY-HE70, JY-HE95, JY-HE120, JY-HE155
Telescopic Boom Type Davit : JY-TBD120, JY-TBD215, JY-TBD35
Hydraulic Luffing Arm Type Davit : JY-GYE70, JY-GYE120, JY-GYE185,
Connecting Rod Type Davit : JY-GL70, JY-GL95, JY-GL120, JY-GL185
Winch :
JY-SAP14, JY-D23Z, JY-D23/16Z, JY-SAFC23, JY-D33/23Z, JY-SAF33, JY-LRHE30, JY-PLR21,
JY-LFR27, JY-LRHE70, JY-D50S/Z, JY-D70S/Z, JY-D85S/Z, JY-D110S/Z, JY-DW125S,
JY-DP110S/Z, JY-DP150/Z, JY-DP185, JY-DP215

Endorse



APPENDIX I

No. : HDO-LS-0064-21

- CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO., LTD. /

Gravity davit:

LE55-1, LE65-1, LE85-1, LE100-1, LE138-1, LE170-1, HE65, HE85, HE100, HE138, H170
RE50, RE60, RE80, RE100, SRH65, SRH85, SRH100, SRH120, SRH150, SRH170, SRH200,
SRH230, GL65, GL85, GL110, GL138, GL165, TG65, TG85, TG110, TG150, TG170, TG200,
TG230, HT80, HT100, HT150, HT210, LC400

Launching appliance davit: FH55, FH70, FH75, FH85, FH100

Single arm davit and crane :

SAF14, SAF21, SAFC21, SAFC25, SA21, SA32, HDCL2-6.5, HDCL3-6, HDCL3-10, LA25, LA35

Off-shore davit: PL65, PL85, PL100, PL110, PL120, PL138, PL150, PL180, PL200, PL230

Fast rescue boat davit:

LFR30, LFR35, LFR55, LFRH30, LEFR50, LFRH60, DH30, SAWH30, SAWH45, SAWH60

Totally enclosed lifeboat : YH5.0QFP/ YH5.0QFN/ YH6.5QFP/ YH6.5QFN/ YH8.5QFP/ YH8.5QFN/ YH8.5QFP-A

/ YH8.5QFN-A/ YH10.3QFP/ YH10.3QFN/ YH9.5QFP/ YH9.5QFN/ YH12.0QFP/

YH12.0QFN/ YH9.9BFP/ YH12.5BFP/ ZZHG-BF-12.5

Free fall Lifeboat : YH5.9FP/ YH5.9FN/ YH6.7FP/ YH6.7FN/ YH7.5FP/ YH7.5FN/ YH8.5FP/ YH8.5FN

Fast rescue boat : YH6.0FRA/ YH6.0FRB/ YH6.5FRA/ YH6.5FRB

Rescue boat : YH4.5R/ YH4.5DR/ YH7.5

Hook : HK25/ HK25B/ HK40/ HK40C/ HK65/ SH55/ SH70/ SH85

Handle release hook 15kN, Automatic release hook 21kN/ 23kN/ 25kN/ 35kN

- WUXI XINSHENG GEAR CASE FACTORY /

Type of Release Hook : 15kN, 21kN, 25 kN, 35kN

- DONGIL SHIPYARD CO.,LTD /

Rescue Boat davit : DMRB6-1000

- CRALOG

"The technicians below have been confirmed to be trained by CRALOG ACADEMY. so, it is possible to perform servicing as CRALOG ' s subcontractors with an employment order issued by CRALOG. but, Owners, managers and service suppliers shall confirm with their flag administrations if any additional or special requirement apply."

(Certified personnel)

Name : Jin-Yung Suk

ID no. : 296

(Certified personnel)

Name : Jonghyeok Jeon

ID no. : 299

B. Manufacturer(s) of liferafts

- Shanghai Huaxiang Dacheng Rubber and Plastic Co.,Ltd.

- Shanghai Star Rubber Products Co.,Ltd.

- Stomil-Grudziadz spolka

- Uzemik JSC

- Fujikura Composites Inc.

- SG Safety corporation

Endorse



APPENDIX I

No. : HDO-LS-0064-21

- Ningbo Haifeng Life-saving Appliance Manufacturing Co.,Ltd.
- Shanghai Haian Lifesaving Equipment Co.,Ltd.
- Jiangsu Haining Marine Equipment Co.,Ltd
- Liferaft Systems Australia
- Ningbo Zhenhua Life-saving Equipment Co.,Ltd.
- LALIZAS Hellas S.A.
- Ningbo Neptune Life-Saving Equipment Co.,Ltd.

C. Manufacturer(s) of Marine Evacuation System(MES)

- Fujikura Composites Inc.
- Liferaft Systems Australia

D. Manufacturer(s) of Inflatable Lifejackets

- LALIZAS Hellas S.A.

Endorse



APPENDIX I

No. :

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Prepared