CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0038-25

This is to certify that

TIANJIN HAIRUN MARINE TECHNICAL CO., LTD.

Address : No. 2278 Xingang No.2 Road, Tanggu District, Tianjin, China

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 Maintenance, thorough examination, operational testing, overhaul and repair of Lifeboats, Rescue boats, Launching appliances, Release gear

This certificate is valid until **2028.02.26**

Issued at **Busan** on **2025.05.16**

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. : HDOLS-0038-25

This service supplier has been certified or licensed to service the particular makes and models of equipment listed in the appendix.

A. Manufacturer(s) of Inflatable Liferafts

- SHANGHAI HUAXIANG DACHENG AND PLASTICS CO., LTD
- JIANGSU HAINING MARINE EQUIPMENT PLANT OF CHINA
- NINGBO HAIFENG LIFESAVING EQUIPMENT CO., LTD
- NINGBO NEPTUNE LIFESAVING EQUIPMENT CO., LTD
- SHAGNHAI CUNHONG MARINE LIFESAVING APPLIANCE CO., LTD
- SHANGHAI HAIAN LIFESAVING EQUIPMENT CO., LTD
- SHANGHAI STAR RUBBER PRODUCTS CO., LTD
- SHAGNHAI YOULONG RUBBER PRODUCT CO., LTD
- YANTAI HUAYANG LIFESAVING EQUIPMENT MANUFACTURING CO., LTD
- NINGBO ASIA F.R.P BOAT MANUFACTURING CO., LTD.

B. Manufacturer(s) of HRU(Hydrostatic Release Unit)

- TIANJIN HAIRUN MARINE TECHNICAL CO., LTD.

C. Manufacturer(s) of Inflatable Lifejackets.

- WUXI XINGTAI SHIPPING EQUIPMENT CO., LTD.
- JIANGSU HUAYAN MARINE EQUIPMENT CO., LTD.

D. Manufacturer(s) of Lifeboats, Rescue boats, Launching appliances, Release gear / Type
* The service supplier has been certified or licensed to perform maintenance, thorough examination, operational testing, overhaul and repair for the particular makes and models of equipment in accordance with Res.MSC 402(96).

- SHEYANG SAIFUTE MARINE AUXILIARY MACHINERY PLANT JIANGSU /
Gravity luffing arm davit : 14KN, 25KN, 50KN, 60KN, 70KN, 90KN
Gravity sliding track davit : 15KN, 40KN
Crossdeck gravity sliding track davit : 30KN, 110KN
Platform davit : 48KN, 110KN
Gravity luffing arm davit : 100KN, 120KN
Single arm launching appliances for rescue boat : 14KN
Single arm rescue boat/raft launching appliances : 21KN
Single arm rescue boat/raft launching appliances and provision crane : 21KN
Life-raft launching appliance : 21KN, 25KN

Endorse

APPENDIX I

No. : HDOLS-0038-25

Single arm rescue davit : SFT/SA10DS
Hydraulic life-raft davit : 21KN, Rescue/life davit : 40KN
Hydraulic slewing boat/raft davit : SFT-14KN, Hydraulic slewing davit : FCD3t * 10m
Hydraulic rotary Crane and Rescue boat/raft davit : 25KNX10m
Single arm rescue boat/liferafts launching appliances : 25KN
Rescue boat davit : SFT-AFR25
Single arm rescue boat launching appliances : 10KN
Launching appliance of free-fall lifeboat : 55KN
Ele. Rescue boat winch : DZ14, 25KN, 40KN, 63KN
Ele. Lifeboat winch : 25KN, 40KN, 63KN, E70L
Ele. Lifeboat/rescue boat winch : D50S/Z, E100L/R, D100S/Z

- WUXI HUAHAI MARINE EQUIPMENT FACTORY /
Gravity Luffing Arm Davit : HML60, HML85
Free-fall Lifeboat Launching Appliance : HMD55F, HMD70F
Rescue Boats/liferafts Launching Appliances :
21kN maual, 21kN Electrical, 25kN Electrical, 21kN Electrical hydraulic,
25kN Electrical hydraulic, 32kN Electrical hydraulic
Electrical Boat Winch :
HMW21, HMW25, HMW50, HMW75, HMW100, HMW110, HMW140, HMW185
Rescue Boats Launching Appliances : HMD14A, HMD30A, HMD30A2

- WUXI WENJIAO G.F.R.P FACTORY /
Totally Enclosed Life/Rescue Boat :
WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ5C
Free Fall Lifeboat : WJ59FF, WJ59FC, WJ67FF, WJ67FC
Rescue Boats : WJ40R, WJ45KR, WJ45D3, WJ45D, WJ55D, WJ60RA, WJ60RB
Lifeboat : WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85
Release Gear : WJHK40, WJ30HK, WJ63HKC

- NINGBO ASIA F.R.P BOAT MANUFACTURING CO., LTD. /
Rescue boat : YZ4.5,YZ4.5S,YZ4.5SA,YZ60RB
Total enclosed life/rescue boat : YZ50C,YZ50F,YZ65C,YZ65F,YZ65CS,YZ65FS,YZ75C,YZ75F
Freefall Lifeboat : YZ49FC,YZ49FF,YZ59FC,YZ59FF, YZ60FC,YZ60FF,YZ675FC,YZ675FF
Gravity Luffing arm davit : L25,L50,YZL-55L6,L65,L65S,LE85-1
Electric Lifeboat/Rescue Boat Winch :
DS25,DZ25,DS40,DS/Z40,YZD-42S, YZD-42Z,DS58,DZ58,D50S,D50Z,D63S,D63Z
Single arm Rescue boat/Liferafts Boat launching appliance and Crane :
ZF21/15,DZ14,ZF21,DZ14,ZF23/15,DZ14,ZF23,DZ14, ZF33,DZ25,B21/14,B21/14-2.5
Free fall lifeboat lauching appliance : YZF55, YZF70

Endorse

APPENDIX I

No. : HDOLS-0038-25

RELEASE MECHANISM : HK40, HK40B,YZHK40,YZHK40S

- JIANGSU HUAIYIN MARINE MACHINERY CO., LTD. /
Electric lifeboat winch :
DS (z y) 25KN,DS (z y) 40KN,DSA/B (z y) 50KN,DSB(z y) 63KN,DZB(z y) 25/20,
DZB(z y) 40/22, DSB(z y) 63KN, DZ 14, DZA/B 50KN
Gravity rail type davit : 1.5, 20KN
Gravity inverted arm davit : 25KN,40KN,50KN,65LN
Combined landing gear : 14KNX6m,ZFQ21/6,ZFQ21/6
Landing device : ZFQ21/6, ZFQ25/4
Free fall lifeboat lowering device : FH55

Reference

Endorse

APPENDIX I

No. : HDOLS-0038-25

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference