CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0028-25

This is to certify that

KOSCO Co., Ltd.

Address : 535, Taejong-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 Maintenance, thorough examination, operational testing, overhaul and repair of Lifeboats, Rescue boats, Launching appliances, Release gear

This certificate is valid until **2027.12.28**

Issued at **Busan** on **2025.03.31**

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-0028-25

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 Liferaft

- Shanghai Youlong Rubber products Co., Ltd.
- Yantai Huyang Lifesaving Equipment Manufacturing Co., Ltd.

B. 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).

- SEKIGAHARA SEISAKUSHO LTD. /
SH, SFB, SHS, STS, SSS, SFS, SFA, SFC, SFD, SJS, SJR

- Oriental Precision and Engineering Co., Ltd /
Lifeboat Davit : HGD SERIES, HGK SERIES SHS SERIES, RTD SERIES, DHA SERIES, DMA SERIES
Lifeboat Winch : BWE SERIES, SWE SERIES, WL SERIES
Freefall Davit and Winch : FD SERIES, WL SERIES
Rescue Boat Davit and Winch : RD SERIES, RDW SERIES

- NISHI-F CO., LTD. /
G-series, ML-series, F-series

- IKNOW Machinery Co., Ltd. (ex Tsuji Heavy Industries Co., Ltd.) /
Series of Davit : H, T, TC
Winch : EB, TC, OAP

- 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, JY102C/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 :

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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-LREH30, 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
Realease Mechanism of Lifeboat / Rescue Boat : HK40, HK40A, HK50B, HK50A, FHK70, HK70, HK115, LB60MR, LB80MR, LB120MR, FHK80, FHK90, LB35MRS, LB70MRS

- Jiangsu Jiaoyan Marine Equipment Co.,Ltd. (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, 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, JYL65, JYL85, JYL105, JYL135
Launching appliance : JYF55, JYF75, JYF75-B, JYF90
Platform Davit : JYP65, JYP85, JYP105, JYP135
Single arm davit : JYR21, JYR21S-A, JYRC21, JYR23, JYR14, JYRH14, JYRH21
Electric Boat Winch : FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21

- DONGWOO MACHINERY and ENGINEERING CO., LTD. /
Hinged Gravity boat Davit and Winch, Rescue Davit and Winch, Liferaft Davit and Winch
DWS Series, LRDS Series, RBDS Series, HINGED GRAVITY BOAT DAVIT ABD FREEFALL DAVIT
RESCUE DAVIT AND LIFE RAFT DAVIT

- BOATBUILDING BRANCH QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD. /
Lifeboat Total enclosed : BH5,5A,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/A
Rescue : BH-R4,R4S,R4SA,R5S

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Davit Gravity Pivot : BD-PV50,PV60,PV60S,PV85,PV125
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
Winch : BW-H(L/R)31,50,63,75 ; L(L/R)75,125 ; SC14 ; 21
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,21,23,25KNXS,35KNXS

- SHEYANG SAIFUTE MARINE AUXILIARY MACHINERY PLANT JIANGSU /
Gravity luffing arm davit : 14KN, 25KN, 50KN, 60KN, 70KN, 90KN,100KN,120KN
Gravity sliding track davit : 15KN, 40KN
Crossdeck gravity sliding track davit : 30KN, 110KN
Platform davit : 48KN, 110KN
Free-fall lifeboat Launching appliance : 55KN, 70KN
Single arm rescue davit : 10KN,14KN,SFTSA10DS
Single arm rescue boat/raft launching appliances : 21KN, 25KN, 40KN
Life-raft launching appliance : 15KN, 21KN, 25KN
Single arm rescue boat/raft launching appliances and provision crane : 21KN
Hydraulic slewing boat-raft davit : SFT-14KN, FCD3t * 10m, 25KNX10m
Fast Rescue boat davit : SFT-AFR25
Ele. Rescue boat winch : 25KN,40KN,D50Z,63KN,E100R,D100Z
Ele. Lifeboat winch : 14KN,25KN,40KN,D50S,63KN,E70L,D100S,E100L

- WUXI WENJIAO G.F.R.P FACTORY /
Totally Enclosed Life/Rescue Boat : WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C
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

- 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 : GJ1618A / GJ618B

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Release Gear Series : HH76 / HH43 / HH30 / HH20

- WUXI MINGZI MACHINERY MANUFACTURING CO.,LTD /
Lifeboat Hook Release Mechanism: HK40
Lifeboat Hook Release Mechanism: WHK40 ; WHK65
Davit-Launched Rescue Boat Manual Release Hook: 15KN
Davit-Launched Liferaft Manual Release Hook: 21-25KN
Liferaft/Rescue Boat Manual/Automatic Release Hook: 31-37KN

- WUXI HAIDELONG MARINE EQUIPMENT CO.,LTD. /
Free-fall Lifeboat Launching Appliance :
HDL70FA, MED/1.23, HDL70FA(winch), MED/1.41, HDLZ0720, MED/1.41b,
Rescue Boats/liferafts Launching Appliances :
HDL415 (davit), MED/1.21&amp ; 1.24, HDL415 (winch), MED/1.41, SA23 (davit), MED/1.21&amp ; 1.24, MED/1.41(c),(d), HDLD21, MED/1.24, HDLW21, MED/1.41

- Wuxi Dongwu Marine Equipment Co.,Ltd. /
Gravity Luffing Arm Davit : 18KN,25KN,40KN,50KN,60KN(215DW60-00),60KN(215DW60L-00) ,85KN,110KN,T2.5,SK50
Gravity Sliding Track Davit : 25KN,30KN
Freefall Lifeboat Launching Appliance : F55,F70,NPT100F
Rescue Boats/Life raft Launching Appliance : 21KN Manual, 21KN Electrical, 21KN Electrical/ Hydraulic,25KN Electrical/Hydraulic,35KN Electrical/Hydraulic, DWC210
Rescue Boat Launching Appliance : A30, H35
Life boat winch : DS * ZY25/DS * ZY40/D50S/DS * ZY63/D63S/80KN(life)
Life /rescue boat winch :DZY/Z21/DZ * ZY25/DZ * ZY40/D50Z/DZ * ZY63/D63Z/80KN(rescue)

- CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO., LTD. /
Gravity davit:
LE45-1,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,RC60-EB
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,SH-21,DH30
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/

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Sample

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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
Boat winch:D21KN/D25KN/D32KN/D35KN/D48KN/D63KN/D65KN/D80KN/ D100KN/D120KN/
DP65KN/DP70KN/DP85KN/DP100KN/DP110KN/DP120 KN/DP138KN/DP150/DP180KN
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 WINGSHENG GEAR CASE FACTORY /
Type of Release Hook : 15KN(XS15), 21KN(XS21), 23KN(XS23), 25KN(XS25), 35KN(XS35)

- 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

- 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 : Han Lee
ID no. : 379

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No. : HDOLS-0028-25

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference