

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU086924PU

This is to certify that

SE KOREA CO., LTD.

89, Haeyang-ro, Yeongdo-gu
49007 Busan REPUBLIC OF KOREA

*Has been approved in compliance with the
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"
for the supply of the following services to ships and other units classed by RINA:*

- E - Servicing of inflatable liferafts, inflatable lifejackets,
hydrostatic release units, marine evacuation systems**
- N - Maintenance, thorough examination, operational testing,
overhaul and repair of lifeboats and rescue boats, launching
appliances and release gear**
- D - Inspection and maintenance of fire extinguishing equipment
and systems**
- H - Inspection and maintenance of self-contained breathing
apparatus**

Date of the audit: **17 May 2024**

Issued in **BUSAN**
on **20 May 2024**

This Certificate is valid from the date of the audit until

12 May 2027

This certificate consists of this sheet plus an attachment.



This is an electronically signed document and does not require a handwritten signature.

Gi Hwan JEON

RINA Services S.p.A.



**ATTACHMENT TO
CERTIFICATE NO. SSU086924PU**

VALIDITY CONDITIONS

E - Servicing of inflatable liferafts, inflatable lifejackets, hydrostatic release units, marine evacuation systems

For Category E the approval is granted for the following equipment and manufacturers:

1. JIANGSU HAINIG MARINE EQUIPMENT CO., LTD.:

- HNF-A6//8/10/12/15/16/20/25/30
- HNF-CR25/30/35/40/45/50/65
- HNF-D15/20/25
- HNF-DSR12/15/16/20/25/37
- HNF-FJ50/55
- HNF-HSC6/8/10/15/25/50/65
- HNF-SR6/8/10/12/15/16/20/25/30/35/37/50/65

2. SG SAFETY CORPORATION; Liferafts

N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear

This service supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the service supplier is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

1. DSB ENGINEERING CO., LTD.

- a) Gravity type Lifeboat : DSB50F/C, DSB58F/C, DSB60F/C, DSB75F/C, DSB85F/C, DSB95F/C, DSB150F/C
- b) Gravity type Davit with Winch : DSB60DL, DSB85FDL, DSB138DL, DSB205DL, DSB50DW, DSB/DW70S&70Z, DSB/DW100, DSB/DW170
- c) Hydraulic type Davit with Winch : DSB150DYL / DSB-D100S
- d) Freefall type Lifeboat : DSB49FF/FC, DSB59FF/FC, DSB75FF/FC
- e) Freefall type Davit with Winch : DSB70DF, DSB70DF-DW, DSB85DF, DSB85DF-DW
- f) Rescue boat : DSB40R, DSB60RA/RB
- g) Rescue boat Davit with Winch : DSB23DR, DSB30ARH, DSB18/27DR, DSB/DW23, DSB-35HW

2. ORIENTAL INSPECTION and SERVICE CO., LTD.

- a) 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
- b) FREE FALL DAVIT and WINCH : FD SERIES, WL SERIES
- c) RESCUE / LIFERAFT DAVIT and WINCH : RD SERIES, RDW SERIES



3. SANGSANGIN INDUSTRY CO., LTD. (Ex. DONGNAM MARINE CRANE Co., Ltd. and Dongnam Enterprise)
a) INGED GRAVITY TYPE : DHG-57-FM,HGW-40-FM,DHG70-FM,HGW-52-FM,HGW-50-FM, DHG-73-FM,HGW-61-DM, DHGD-11-E2E7
b) SINGLE ARM TYPE: DLRD, DRLD, DASD, PV combined, DCHH, DPR, DNR, DRBD, DSAC, BSNKJ
c) FREEFALL TYPE : FF, HDF, DSAM 11-E2M0

4. Wuxi Wenjiao G.F.R.P Factory (the Company); Release system on lifeboat: Totally enclosed life/rescue boat
-Totally enclosed life/rescue boat: WJB50F/WJB50C/WJ57F/WJ57C/WJ58F/WJ58C/WJ75F/WJ75C
-Free Fall life boat : WJ59FF/WJ59FC/WJ67FF/WJ67FC
-Rescue boat : WJ40R/WJ45KR/WJ45D3/WJ45D/WJJZ45/WJ55D/WJ60RA/WJ60RB
-Life boat-open type : WJ45D/BJ55/BJ60/BJ65/BJ70/BJ75/BJ80/BJ85
-Release Hook : WJHK40/WJ30HK/WJHK55/WJ63HKC

5. WUXI DONGWO MARINE EQUIPMENT CO.,LTD.

a) Davit:

-Gravity Luffing Arm Davit : 18kN/25kN/40kN/50kN/60kN/60kN(60L)/85kN/110kN/T2.5/Sk50 / Gravity SlidingTrack Davit : 25kN/30kN

-Free-fall Lifeboat Launching Appliance : F55/F70/NPT100F

-Rescue Boats/liferafts Launching Appliances : 21kN(manual)/21kN(Electrical)/21kN(Electrical/hydraulic)/25kN (Electrical/hydraulic)/35kN(Electrical/hydraulic)/DWC210

-Rescue Boats Launching Appliances : A30/H35

b) Winch

-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)

6. WUXI HAIDELONG MARINE EQUIPMENT CO.,LTD.

a) Free-fall Lifeboat Launching Appliance HDL70FA/ HDL70FA (winch)/ HDLZ0720/ HDLZ0720(winch)

b) Rescue Boats/liferafts Launching Appliances HDL415 (davit)/ HDL415 (winch)/ SA23 (davit)/ SA23(winch)/ HDLD21/ HDLW21

7. WUXI MINGZI MACHINERY MANUFACTURING CO.,LTD.

a) Lifeboat Hook Release Mechanism: HK40, WHK40, WHK65

b) Davit-Launched Rescue Boat Manual Release Hook: 15KN (150-T)

c) Davit-Launched Liferaft Manual Release Hook: 21-25KN (250-T)

d) Liferaft/Rescue Boat Manual/Automatic Release Hook: 31-37KN (370-T)

-CRRALOG-

The technician below have been confirmed to be trained by "CRALOG ACADEMY" So, It is possible be perform servicing as CRALOG's subcontractors with an employment order issued by CRALOG.

But, Owners, managers and service supplier's shall confirm with their flag administrations if any additional or special requirement apply.

Certified personnel

Name: Kim Kyungjun(ID No: 389)

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments
c) RINA personnel are to be allowed to witness during the performance of activities, upon their request
d) The activities are to be carried out in compliance with the RINA Rules and or other applicable rules
e) RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval

This is an electronically signed document and does not require a handwritten signature.



RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel. +39 010 53851
Fax +39 010 5351000



Gi Hwan JEON

RINA Services S.p.A.