EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000087F

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Liferaft launching appliances (Davits)

with type designation(s)
23kN liferaft davit

Issued to
Ningbo Kairong New Energy Co., Ltd.
Ningbo City, **China**

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2022/1157,**
item No. MED/1.24. SOLAS 74 as amended, Regulation III/4, III/12, III/16, III/34 & X/3, LSA Code and 2000 HSC Code 8

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2028-07-23**.

Issued at **Hamburg** on **2023-07-24**

DNV local unit:
Ningbo FIS

Approval Engineer:
Björn Henke

Notified Body
No.: **0098**

for **DNV GL SE**

Christine Mydlak-Roeder
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment.
This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Product description

Life Raft Crane Type 23kN liferaft davit
SWL (launching) 2.3t

Application/Limitation

- max. 20000 load cycles

Type Examination documentation

Tests carried out

According to IMO Resolution MSC.81(70), as amended, Part1, Regulation 8.1

Test report 2303088D dated 2023-07-06

Marking of product

Marking shall be implemented in accordance with the LSA Code, item 1.2.2.9:

- Safe working load, SWL
- Type designation and serial number

The MED Mark of Conformity (see page 1) *and USCG approval number, if applicable.*

END OF CERTIFICATE