

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000AY4
Revision no.:
0

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

This is to certify:

that the **Embarkation ladders**

with type designation(s)

Embarkation ladder; type: KJDCT

issued to

Shanghai Zhouqin Maritime Equipment Co., Ltd.
Shanghai, China

is found to comply with the Implementing Regulation (EU) 2024/1975 for

Item no. **MED/1.29** (Row **1 of 1**)

according to the following requirements:

SOLAS 74 Reg. III/11, SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-(1994 HSC Code), IMO Res. MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) VI, IMO Res. MSC.97(73)-(2000 HSC Code), IMO MSC.1/Circ.1285, IMO MSC.1/Circ.1630, SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3

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

Date of issue: **2025-06-04**

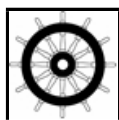
Expiry date: **2030-06-03**

DNV local unit:

Shanghai

Approval Engineer:

Izabela Misztal



Notified Body
no.: **0098**

for **DNV SE**

Christine Mydlak-Röder
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment, signed February 27th, 2004, and amended by Decision No 1/2023 dated May 26th, 2023.

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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 USD 300 000.

Product description

"KJDCT"

embarkation ladder with side ropes of 18 mm diameter made of mildew-resistant manila fiber meeting ISO 1181:2004, Quality 1 requirements.

Steps are made of hardwood (oak or teak) and rubber.

Application/Limitation

This examination considers the embarkation ladder only and not the installation arrangement. Installation to be approved on board.

The design assessment is based on ISO 5489:2008(E).

Handholds shall be provided to ensure a safe passage to and from the ladder.

The maximum length of the embarkation ladder shall not exceed 80 m (242 steps).

Each rope shall be continuous, with no joints below the top step.

Type Examination documentation

Tests carried out

Tests are documented in accordance with ISO 5489:2008(E), Ch.5/Table 1.

Marking of product

The product is to be indelibly marked with name of manufacturer, type designation, dimensions and date of manufacture, according to LSA Code Ch. 1.2.2.9, ISO 5489:2008(E), Ch.7 and USCG approval number, if applicable.