EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000AY5
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 **Pilot ladder**

with type designation(s)
Pilot ladder; type KJYST

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/4.49** (Row **1 of 1**)
according to the following requirements:
SOLAS 74 Reg. V/23, IMO Res. A.1045(27), IMO MSC/Circ.1428, SOLAS 74 Reg. X/3

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

Date of issue: **2025-05-22**

Expiry date: **2030-05-21**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

"KJYST"
Pilot ladder with side ropes of 20 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

The design assessment is based on ISO799-1:2019(E) and IMO Resolution A.1045(27).
The examination has considered the pilot ladder only, not the installation arrangement. Installation is to be approved on board.

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

The maximum length of the pilot ladder shall not exceed 35 m (106 steps).

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

Seizing, shall consist of two- or three-ply marline of minimum breaking strength 800 N, and with a minimum diameter of 4 mm, or other suitable material of equivalent strength and diameter.

Type Examination documentation

Tests carried out

Tests are documented in accordance with ISO799-1:2019(E), Sec.6/Table 2.

Marking of product

The product is to be indelibly marked in accordance with ISO799-1:2019, Ch.8 and USCG approval number, if applicable.