

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00008ZZ

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)
QHPL

issued to

Shanghai Qiangang Industrial Co., Ltd.
Shanghai, China

is found to comply with the requirements in the following Regulations/Standards:

Regulation (EU) 2024/1975,

item No. MED/4.49. SOLAS 74 as amended, Regulations V/23 & X/3, IMO Res. A.1045(27), IMO MSC/Circ.1428

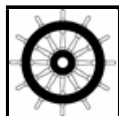
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-10-26**.

Issued at **Hamburg** on **2024-10-27**

DNV local unit:
Shanghai

Approval Engineer:
Izabela Misztal



Notified Body
No.: **0098**

for **DNV SE**

Mydlak-Röder, Christine
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 300,000 USD.



Product description

Pilot ladder made of mildew resistant manila ropes (Ø22 mm) meeting ISO 1181:2004, Quality 1 requirements.

Steps made of hardwood and rubber.

Steps: 84

Length: 28 metres

Application/Limitation

This examination has only considered the pilot ladder and not the installation arrangement.

The installation to be approved on board.

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

The maximum length of the pilot ladder shall be 84 metres (28 steps).

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

The design assessment is based on ISO799-1:2019(E).

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.

End of Certificate