

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000011E
Revision No:
2

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 HYP-B-B

Issued to

Jiangsu Huayan Marine Equipment Co., Ltd.
Jiangsu, China

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

Regulation (EU) 2020/1170,

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

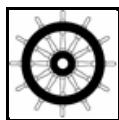
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2026-06-03**.

Issued at **Hamburg** on **2021-06-04**

DNV local station:
Nanjing NB & CMC

Approval Engineer:
Stefan Heuer



Notified Body
No.: **0098**

for **DNV 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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 type HYP-B-B

Application/Limitation

This certificate only considers the pilot ladder. The arrangement shall be verified onboard by the respective Administration.

The design assessment is based on ISO 799-1:2019.

Type Examination documentation

is based on the following drawings verified by DNV with Ref.-No./Job ID 12-056663, 13-065931, MCADE453P261.1C-1 and 311.005446-3:

Drawing No.	Rev. No.	Title
A-05		Drawing of Red Marking
B2-03-2A		Long wood step B2-03-2A
B2-01A		Thimble B2-01A
B2-02A		Rubber Steps B2-02A
B2-00A		Pilot ladder HYP-B-B2 B2-00A
B2-03-1A		Replacing Steps B2-03-1A
B2-05A		aluminum sleeves B2-05A
B2-04-2A		short replacing step B2-04-2A
B2-06A		Drawing of red Marking B2-06A
B2-04-1A		short wood step B2-04-1A
A-03-2F	V2.0	41921 Long wood-replacing step-A-03-2F
A-03-1F	V2.0	41922 Long wood Step- A-03-1F28mm
A-04-2F	V2.0	41923 Short wood-Replacing Step-A-04-2F
A-04-1F	V2.0	41924 Short wood Step-A-04-1F 28mm
HYP-B-B-00	V2.0	Pilot ladder-HYP-B-B 00A V2.0

Tests carried out

according IMO-Resolution MSC.81(70) as amended, Part 1, Regulation 8.1

Type test report no.: 4110301 dated 2011-04-21

Type test report no.: 16041302 dated 2016-04-13

Marking

The product to be marked in accordance with ISO 799-1:2019 Point 7, the MED Mark of Conformity (see page 1) and USCG approval number, if applicable.

End of Certificate