

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment (MED) as amended by directive 2014/93/EU. This Certificate is issued by DNV GL SE based on the notification of the German Federal Ministry of Transport, Building and Urban Development.

**This is to certify:****That the Embarkation ladders**

with type designation(s)

**Embarkation ladder HYE-B-B**

Issued to

**Jiangsu Huayan Marine Equipment Co., Ltd.  
Danyang 100, China**

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

**Annex A.1, item No. A.1/1.29 and Annex B, Module B in the directive. SOLAS 74 as amended, Reg. III/4, III/11, 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 **2021-04-27**.Issued at **Hamburg** on **2016-04-28**DNV GL local station:  
**Nanjing CMC**for **DNV GL SE**Approval Engineer:  
**Knut Polonji**Notified Body  
No.: **0098**.....  
**Sven Dudzus**  
**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 Council Directive 96/98/EC, as amended.

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.

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.

## Product description

Embarkation ladder type HYP-B-B

## Application/Limitation

None

## Type Examination documentation

ist based on the following drawings, verified with Ref. no. 11-018066/KPO and Job ID: MCADE453P261.1C-1

A-04-2C	Rubber step dipping inflation test
A-03-2C	replacing step
A-02D	replacing step
	rubber steps
A-03-1C	ladder arrangement (attachment 1)
	Short wood stepsl (5)
	ladder arrangement(attachment 3)
A-04-1C	Short wood steps (6)
A-01C	thimble (2)
	ladder arrangement (atachmend 2)
A-00D-1	(1-1)EMBARKATION LADDERS
A-00D-1	(1-2)EMBARKATION LADDERS
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
A-00D-1 V2.0	41926 Embarkation Ladder HYE-B-B V2.0 A-00D-1
A-00D-2 V2.0	41927 Embarkation Ladder HYE-B-B V2.0 A-00D-2

## Tests carried out

according IMO-Resolution MSC.81(70), amended up to MSC.378(93) and MSC.323(89), Part 1, Regulation 8.1

Type test report no.: 4110302 dated 2014-04-21

Type test report no.: 16041301 dated 2016-04-13