

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate no.:
MEDD00000C7
Revision No:
18

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 **Quality System for the products**

with type designation(s) as specified in the Appendix to this Certificate

issued to

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

is found to comply with the applicable requirements.

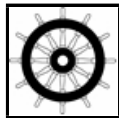
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2023/1667.

This Certificate is valid until **2025-04-21**.

Issued at **Hamburg** on **2024-03-25**

DNV local unit:
Nanjing NB & CMC

Approval Engineer:
Roland Priebe



Notified Body
No.: **0098**

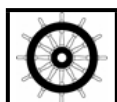


for **DNV SE**

Digitally Signed By:
Christine Mydlak-Röder
Location: **DNV Hamburg,**
Germany

Mydlak-Röder, Christine
Head of Notified Body

The manufacturer is allowed to affix the U.S. Coast Guard approval number(s) as stated in the appendix attached hereto and 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.



0098/yyyy

0098: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate authorizes the manufacturer in conjunction with the valid EC Type Examination (Module B) Certificate(s) of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.

This certificate loses its validity if the manufacturer makes any changes to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

The Manufacturer has to apply for periodical audits to verify the maintenance and application of the quality system every 12 months.

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.



APPENDIX

Item no. MED/1.1 Lifebuoys

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HY5555 (>2.5 kg) and HY5555-4 (>4.0 kg) ¹	MEDB0000717 Rev.1	2029-01-22	0098	N/A

Item no. MED/1.11 Line-throwing appliances

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Pneumatic line-throwing equipment (Model: PTQ8.5-Y230/1) ¹	MEDB00008EY	2028-09-12	0098	160.040/EC0098 /MEDB00008EY

Item no. MED/1.29 Embarkation ladders

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Embarkation ladder type HYE-B-B ¹	MEDB00000ZF Rev.1	2026-06-03	0098	N/A
HYE-B-B2 ¹	MEDB000063M Rev.2	2026-06-03	0098	N/A

Item no. MED/1.4 Lifejackets

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Inherently buoyant, adult size (HYJ-A2) and children size (HYJ-C1) ¹	MEDB000035H Rev.2	2027-11-07	0098	N/A
HYJ-QA-D1 275N (Inflatable, Adult) ¹	MEDB000026N Rev.1	2025-12-08	0098	N/A
HYJ-QA-S1 150N (Inflatable, Adult) ¹	MEDB00002VD Rev.1	2025-12-08	0098	N/A
HYJ-QC-D1 150N (Inflatable, Child) ¹	MEDB00002VE Rev.1	2025-12-08	0098	N/A
HYJ-A7 (inherently buoyant, adult size) ¹	MEDB00006HC	2025-04-15	0098	N/A
Inherently buoyant, infant size (HYJ-I) ¹	MEDB00005V7	2025-01-22	0098	N/A

Item no. MED/1.6b Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket: Immersion suit with inherent insulation

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HYF-2, Pillow type, Full CR material ¹	MEDB00005J1	2024-07-08	0098	N/A

Item no. MED/3.29 Fire-fighting hoses – Non-percolating lay flat fire-fighting hoses (range of the inside diameter from 25 mm to 52 mm)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HYFH40, HYFH50 ²	MEDB00000ZE Rev.2	2026-04-18	0098	N/A

Item no. MED/3.3a Fire-fighters outfit: protective clothing (close proximity clothing): Protective non reflective clothing for firefighting.

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HYXF-C6, HYXF-C8 ¹	MEDB00008H0 Rev.1	2028-10-24	0098	N/A

Item no. MED/3.44 Firefighters outfit - lifeline

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Lifeline, type HYN-2 ¹	MEDB00003VY Rev.2	2028-05-30	0098	N/A

Item no. MED/3.5 Fire-fighter`s outfit: gloves

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HYXF-G1 Protective gloves ¹	MEDB00003EN Rev.1	2028-01-12	0098	N/A

Item no. MED/4.49 Pilot ladder

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Pilot ladder type HYP-B-B ¹	MEDB000011E Rev.2	2026-06-03	0098	N/A
Pilot Ladder type HYP-B-B2 ¹	MEDB000012H Rev.2	2026-06-03	0098	N/A

Places of production

- 1.Jiangsu Huayan Marine Equipment Co., Ltd., 8, Huangjintang West Road, Danyang Economic Development Zone, Jiangsu, China
- 2.ZYfire Hose Corporation, 88, Kaiyang Road, Jiangyan, China