

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00005CA
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 Position indicating lights for life-saving appliances: (c) for lifejackets

with type designation(s)
JHYD-I

issued to

Dongtai City Jianghai Lifesaving & Fire-Fighting Equipment Co., Ltd.
Dongtai, China

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

Regulation (EU) 2024/1975,
item No. MED/1.2c. SOLAS 74 as amended, Regulation III/4, III/7, III/22, III/26, III/32, III/34 & X/3, LSA Code,
1994/2000 HSC Code 8 and IMO MSC.1/Circ.1628

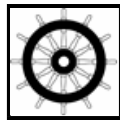
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-09-29**.

Issued at **Hamburg** on **2024-09-30**

DNV local unit:
Nantong

Approval Engineer:
Marcin Tobiasz



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

“JHYD-I”

Position Indicating Lights for Life- Saving Appliances Lifejacket Lights

Application/Limitation

Approved as a position indicating light for a lifejacket.

Instruction for maintenance and operation manual to be provided with each delivery.

Suitable fixing for jacket light (and sensor) at the life jacket shall be provided.

Lights powered by batteries shall be marked with means of determining their age or the date by which they are to be replaced.

Type Examination documentation

Drawings Nos JHYD-I-0, JHYD-I-1, JHYD-I-2, JHYD-I-3, JHYD-I-4, JHYD-I-5 and JHYD-I-6 from manufacturer.

Instruction for the use of lifejacket light JHYD-I.

Test Report No. 2013119 dated. 2013-12-09 from Wuhan Testing Center of Marine Life-saving Appliances.

Test Report No. 2014006 dated. 2014-02-18 from Wuhan Testing Center of Marine Life-saving Appliances.

Test Report No. 2024142 dated 2024-06-03/2024-07-19 from Wuhan Testing Center of Marine Life-saving Appliances.

Tests carried out

Tested in accordance with the requirements of:

- IMO Res. MSC.81(70), as amended by IMO Res. MSC.200 (80), IMO Res. MSC.226(82) & IMO Res. MSC.323(89),
- EN 60945:2002 incl. IEC 60945 Corr. 1:2008,
- ISO 24408: 2005.

Marking of product

The product is to be marked in accordance with ISO 24408:2005 item 4.3, LSA Code 1.2.2.9 and 1.2.3, the MED Mark of Conformity and USCG number if applicable (see first page).

The product should be provided with brief instructions or diagrams clearly illustrating the use printed on the casing.