EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00007UV

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

That the Position indicating lights for life-saving appliances: (c) for lifejackets

with type designation(s)
YBA1

Issued to
Shanghai Yibei Safety Equipment Co. Ltd.
Shanghai, **China**

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2021/1158,**
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, 2000 HSC Code 8

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

This Certificate is valid until **2027-03-02**.

Issued at **Høvik** on **2022-03-03**

DNV local station:
Shanghai

Approval Engineer:
Nicolay Horn

Notified Body
No.: **0575**

for **DNV AS**

Sverre Olav Bergli
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 United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2019 dated February 22nd, 2019.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

Position-indicating lights for lifejackets type YBA1 water activated.

Application/Limitation

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

For compliance with SOLAS Regulation III/35 and III/36, fully detailed operations and maintenance manuals shall be supplied with each light.

Type Examination documentation

General Description – Datasheet document no. YBDS21103 dated 2021.10.20
Electrical drawing – CIRCUIT DIAGRAM drawing no. YBDR2115 dated 2021.10.20
Assembly drawing and component list drawing no. YBDR2110003 dated 2021.10.20.
User manual for Lifejacket light, doc. No. YBMV20 dated 2020.01.02
Wuhan Testing Center L5309 / Test Report :
No-2019024 Lifejacket lights YBA1 dated 2019.05.27~2019.07.22

Tests carried out

The products have been tested in accordance with IMO Res.MSC.81(70), IEC60945, ISO24408

Marking of product

To be marked with information requested by the LSA Code Paragraph 1.2.2.9 and 1.2.3 / ISO24408 item 4.3.1

- Manufacturer name
- Type identification
- Lot number
- Date of expiry
- Identification and relevant approval mark of approving administration(s), and any operational restrictions
- Clear operating instructions in word or diagram form
- Information on proper battery disposal by the words: DO NOT INCINERATE, RECHARGE OR TAMPER