# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
**MEDB0000AT9**
Revision no.:
**0**

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 **Line-throwing appliances**

with type designation(s)
**YB-LT300 pneumatic line-throwing appliance**

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

is found to comply with the Implementing Regulation **(EU) 2025/1533** for
Item no. **MED/1.11** (Row **1 of 1**)
according to the following requirements:
**SOLAS 74 Reg. III/18, SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-(1994 HSC Code) 8, IMO Res. MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) VII, IMO Res. MSC.97(73)-(2000 HSC Code) 8, IMO MSC.1/Circ.1633, SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3.**

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

Date of issue: **2026-02-03**

Expiry date: **2031-02-02**

DNV local unit:
**Shanghai**

Approval Engineer:
**Jorge Domingues**

Notified Body
no.: **0098**

for **DNV SE**

**Christine Mydlak-Röder**
**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 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.
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 USD 300 000.

## Product description

"YB-LT300 pneumatic line-throwing appliance"
is a line-throwing appliance with a launching system based on compressed air as driving force and with minimum shooting range of 230 m. The hand-held base firing unit has a built-in cylinder for compressed air up to 300 bars. The projectiles are made of ABS plastic with an aluminium alloy inner tube containing a 260 m long and 3 mm thick high strength polyethylene line. The breaking strength of the high strength polyethylene line is not less than 2000 N. The projectiles are reloadable and reusable.

Design weight: 8 kg.

## Application/Limitation

Approved for use as Line-throwing appliances onboard ships.

The air cylinder shall be pressurized to maximum 300 bar.

The air cylinder shall be checked periodically according to user manual and have a hydrostatic test performed every 5 years from date of manufacture as written on the Declaration of Conformity for the launcher.

The line has no expiration date as long as it is stored in a dry place without direct sunlight.

To conform to the requirements of LSA Code Ch. 7.1.1, one Line-throwing Appliance must include not less than 4 projectiles.

The unit shall be stored in a dry and safe place when not in use.

The design assessment is based on LSA Code as amended by IMO Res. MSC.207(81) and IMO Res. MSC.218(82).

Each product is to be supplied with its manual for installation, use and maintenance.

## Type Examination documentation

## Tests carried out

Tests are documented in accordance with recommendation on testing of Life-Saving Appliances, IMO Res. MSC.81(70), part 1, including IMO Res. MSC.200(80), IMO Res. MSC.226(82) and ISO 15736:2006.

## Marking of product

The product is to be indelibly marked with name and address of manufacturer, type designation and date of manufacture. The markings shall comply with the LSA Code Ch. 1.2.2.9, the Mark of Conformity and USCG Approval Number if applicable (see page 1).

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