

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:  
**MEDB000063E**  
Revision no.:  
**1**

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 **Self-contained compressed-air-operated breathing apparatus**

with type designation(s)

**YIBEI 6 and YIBEI 6.8**

is found to comply with the Implementing Regulation (EU) 2025/1533 for Item no. **MED/3.7 (Row 1 of 1)** according to the following requirements:

**SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. II-2/15, SOLAS 74 Reg. II-2/19, IMO Res. MSC.4(48)-(IBC Code) 11, IMO Res. MSC.5(48)-(IGC Code) 11, IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.97(73)-(2000 HSC Code) 7, IMO Res. MSC.98(73)-(FSS Code) 3, IMO MSC.1/Circ.1499, IMO MSC.1/Circ.1555, SOLAS 74 Reg. X/3, IMO Res. MSC.98(73)-(FSS Code) 3**

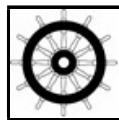
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-03-24**

Expiry date: **2031-03-23**

DNV local unit:  
**Shanghai**

Approval Engineer:  
**Karolina Kusmider**



Notified Body  
no.: **0098**



for **DNV SE**

*Digitally Signed By:*

**Christine Mydlak-Röder**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

YIBEI 6 and YIBEI 6.8 are self-contained compressed-air-operated breathing apparatus (SCBA) with a single compressed air cylinder for shipboard fire-fighters (maritime use only).

Principle components:

- a) Full face, positive pressure mask in accordance with EN136, manufactured by the applicant (see Page 1),
- b) Air supply valve,
- c) Cylinder valve and pressure regulator,
- d) Pressure gauge and alarm whistle acc. to IMO Res. MSC.339(91), in conjunction with IMO SC.1/Circ.1499
- e) Back-frame and harness,
- f) Compressed air cylinder:
  - YIBEI 6: seamless steel cylinder with volume 6L/ 300 bar (max. air volume 1800 l)
  - YIBEI 6.8: cylinder consisting of high-strength aluminium alloy liner, fully wrapped with carbon fibre composite material, with volume 6.8 L/300 bar (max. air volume 2040 l)

## Application/Limitation

Approved for use as self-contained compressed air breathing apparatus of fire-fighter's outfit.

All air cylinders for breathing apparatus shall be interchangeable.

Air cylinders and their valves shall comply with appropriate national regulations.

The apparatus is not for use in accidents with cargoes.

Maximum working pressure: 300 bar

The compressed air shall comply with EN 12021.

The complete apparatus shall undergo practical performance tests under realistic conditions to check for imperfections.

Each SCBA shall be used together with an approved lifeline (complying with the requirements of MED/3.44 and ISO 23269-2 Para 4.28.) as part of the fire-fighters outfit according to FSS Code Ch.3.2.1.3.

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

## Type Examination documentation

| Document No.  | Rev. | Title  |
|---------------|------|--|
|               |      | General arrangement SCBA dated 13 January 2020 from manufacturer   |
| 2019069       |      | Test Report dated 25 July 2019 from China Classification Society Wuhan Testing Center of Marine Life-saving Appliances     |
| 2019068 Annex |      | Test Report dated 27 November 2019 from China Classification Society Wuhan Testing Center of Marine Life-saving Appliances |
| 2019068       |      | Test Report dated 25 July 2019 from China Classification Society Wuhan Testing Center of Marine Life-saving Appliances     |

## Tests carried out

Tested according to ISO 23269-2:2011



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### **Marking of product**

The product is to be indelibly marked in accordance with ISO 23269-2:2011 Para.9 and with name and address of manufacturer, type designation and the Mark of Conformity (see first page).

The compressed air cylinder markings shall include the charging pressure, capacity and the stamp of the authorised inspection body.