

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:  
**MEDB00006C8**  
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 for entry and work in gas-filled space**

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/7.1 (Row 1 of 1)**  
according to the following requirements:

**SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. II-2/15, IMO Res. MSC.98(73)-(FSS Code) 3, IMO Res. MSC.4(48)-(IBC Code) 14, IMO Res. MSC.5(48)-(IGC Code) 14, IMO MSC.1/Circ.1499, SOLAS 74 Reg.II-2/10, IMO Res. MSC.98(73)-(FSS Code) 3**

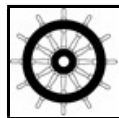
Further details of the equipment and conditions for certification are given overleaf.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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) for entry and work in gas-filled space. Equipped 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-plate 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 in accordance with SOLAS II-2 Reg.10.10.1.2, IBC Code 14.2.2.1 and IBG Code 14.3.2.1.

The SCBA is in compliance with IMO FSS Code Ch.3 Para 2.1.2.1 and 2.1.2.2 as amended by IMO Res. MSC.339(91).

All air cylinders for breathing apparatus shall be interchangeable.

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

Maximum working pressure: 300 bar

The compressed air shall comply with EN 12021.

The SCBA shall be used in conjunction with a fire-proof lifeline which is certified in accordance with MED/3.44.

A set of manufacturer's instructions shall accompany every unit and should be kept onboard. Manufacturer's instructions for application / limitations, checks prior to use, donning and fitting, use, cleaning and disinfection, maintenance, transport and storage shall be adhered to.

## Type Examination documentation

Document No.	Rev.	Title
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
		General arrangement SCBA dated 13 January 2020 from manufacturer

## Tests carried out

Tested according to ISO 23269-3:2011



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### **Marking of product**

The product is to be indelibly marked in accordance with ISO 23269-3:2011 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.