

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MERB000063F
Revision no.:
1

This Certificate is issued by DNV UK Limited, UKAS accredited certification body no. 6086, based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body (no. 0097) to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2025.

This is to certify:

that the **Emergency escape breathing devices (EEBD):- self-contained open-circuit compressed air breathing apparatus with a hood for escape**

with type designation(s)
YB15 and YB15C

issued to

Shanghai Yibei Safety Equipment Co. Ltd.
9/2F, 99 Binxing Rd Jinshan Shanghai 201500 Shanghai China

is found to comply with the Regulation (UK) MSN 1874 Amendment 11 for
Item no. **UK/3.41b (Row 1 of 1)**
according to the following requirements:
SOLAS 74 Reg. II-2/13, IMO Res. MSC.98(73)-(FSS Code) 3, IMO MSC/Circ.849

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

Date of issue: **2026-06-21**

Expiry date: **2031-06-20**

DNV local unit:
Shanghai



for **DNV UK Ltd.**

Approval Engineer:
Izabela Misztal

Approved Body No.: **0097**

.....
Christine Mydlak-Röder
MER Service Responsible



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved 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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2025, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

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

"YB15 and YB15C"

are Emergency Escape Breathing Devices (EEBD) equipped with a face mask and a hood.

For further details refer to the documentation listed below under "Type Examination documentation".

Please see Appendix: Product Description

Application/Limitation

Approved to provide personnel breathing protection during escape from a compartment that has a hazardous atmosphere. Not to be used for fire-fighting or when entering oxygen deficient tanks or voids, or worn by fire fighters.

Air cylinders and valves to be designed and manufactured in accordance with a national standard.

The compressed air shall comply with EN 12021.

As the weight of the YB15 with 3L steel cylinder exceeds 5 kg, it is not designed to be carried on the man for at least 8 h, in accordance with EN 1146:2005 Para.6.6.

Each unit is to be supplied with its manual for installation, use and maintenance. Where the reliable performance of the breathing device or parts thereof are dependent of special attention due to ageing, use, cleaning or disinfection, storage conditions, service, replacement of parts etc., this shall be clearly stated there.

Type Examination documentation

Tests carried out

Tested according to ISO 23269-1:2008 and EN 1146:2005.

Marking of product

The product is to be marked according to IMO FSS Code Ch.3.2.2.4, ISO 23269-1:2008 Para.9 and EN 1146:2005 Para.8 and with name and address of manufacturer, type designation and the Mark of Conformity (see first page). The pressure vessel marking shall include the charging pressure, capacity and stamp of the authorized inspection body.

In addition each EEBD should be marked with "FOR ESCAPE ONLY".

APPENDIX

Product Description

Certificate no.:
MERB000063F
Revision no.:
1

Model	Bottle volume	Nom. working pressure	Nominal service duration	Weight	Cylinder material
YB15	3L	210 bar	>15 min	7 kg	Steel (manufactured by Nanjing Banquiao Fire-Fighting Equipment Co.,Ltd, or by Sinoma Science & Technology Co.,Ltd
YB15C	3L	210 bar	>15 min	4.2 kg	Composite (manufactured by Zhejiang Kaibo Pressure Vessel Co.,Ltd)