

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MERB00008AH
Revision no.:
1

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

that the **Emergency escape breathing devices (EEBD): - self-contained closed-circuit compressed air breathing apparatus**

with type designation(s)
M-20.2

issued to
Ocenco Incorporated
Pleasant Prairie, USA

is found to comply with the Regulation (UK) **MSN 1874 Amendment 10** for
Item no. **UK/3.41c (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: **2025-12-02**

Expiry date: **2030-12-01**

DNV local unit:
**Certification & Inspection
Services**

Approval Engineer:
Izabela Misztal



Approved Body No.: **0097**



for **DNV UK Ltd.**

Digitally Signed By:
Christine Mydlak-Röder
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 2016, 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

"M-20.2"

is a self-contained closed-circuit Emergency Escape Breathing Device (EEBD). The compressed oxygen delivery system activates automatically when the device is removed from the storage case. The demand regulator allows the user to inhale via the mouthpiece immediately from the device when donned. The M-20.2 is designed to be belt-worn (hand-free).

Rated working duration: 15 minutes.

For further details see documentation listed under Type Examination documentation.

Application/Limitation

Approved to provide personnel breathing protection during escape from a compartment that has a hazardous atmosphere.

Not to be used for firefighting or when entering oxygen deficient tanks or voids or worn by fire fighters.

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 here.

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

Type Examination documentation

Document No.	Rev.	Title
EC.2.3.2		Donning test report dated 22 September 1997 from the manufacturer.
13458		Environmental conditioning and sinusoidal vibration test dated 6 April 2010 from Advanced Packaging Technology Laboratories Inc., Wheeling, IL, USA.
9509.2		Salt spray (fog) test report dated 3 September 1997 from Advanced Packaging Technology Laboratories Inc., Wheeling, IL, USA.
N22003		Main assembly drawing dated 28 June 1999 from the manufacturer.

Tests carried out

Tested according to ISO 23269-1:2008 and EN 13794:2002.

Marking of product

The product is to be marked according to IMO FSS Code Ch.3.2.2.4, ISO 23269-1:2008 Ch.9, EN 13794:2002 Ch.8 and with name and address of manufacturer 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"