



Confirmation of Product Type Approval

Company Name: OCENCO INCORPORATED

Address: 10225 82ND AVENUE PLEASANT PRAIRIE WI 53158 United States

Product: Emergency Escape Breathing Device (EEBD)

Model(s): M-20.2 EEBD

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	25-0286171-1-PDA	17-MAR-2026	01-SEP-2030
Manufacturing Assessment (MA)	25-6874566	24-MAR-2025	10-MAR-2030
Product Quality Assurance (PQA)	NA	NA	NA

Tier

3 - Type Approved, unit certification not required

Intended Service

Intended to provide the user respiratory protection against hazardous atmospheres while escaping to an area of safety.

Description

The M-20. 2 EEBD is a belt wearable, compressed oxygen, closed circuit emergency breathing device.

Ratings

10-minutes NIOSH-approved self-contained, self-rescuer device.

NIOSH (American National Institute for Occupational Safety and Health) approval number: TC-13F-386.

15-minutes rated duration according to ISO 23269-1:2008.

Service Restrictions

- 1). Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.
- 2). The EEBD shall only be used for escape purposes. Not intended for use in fire fighting fires, entering oxygen deficient voids or tanks, or worn by firefighters.
- 3). 15 Year Service Life.
- 4). Visual inspection per M-20.2 EEBD Instruction Manual.
- 5). The EEBD is not suitable for offshore hydrocarbon drilling and production operations where H2S may

be present. These applications require positive pressure breathing devices.

Comments

- 1). The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
- 2). This assessment has not been performed on behalf of any flag administration.
- 3). Brief instructions or diagrams clearly illustrating their use are to be clearly printed on the EEBD. The donning procedures are to be quick and easy, to allow for situations where there is little time to seek safety from a hazardous atmosphere.
- 4). Manufacturer's trademark and serial number, shelf life with accompanying manufacture date and name of approving authority are printed on each EEBD.
- 5). Maintenance requirements are listed in the M-20.2 EEBD Instruction Manual.
- 6). Hydrostatic testing of the cylinder is not required in service.
- 7). The EEBD, when stored, is to be suitably protected from the environment.
- 8). Continued compliance with the statutory requirements requires maintenance of full Type Approval(PDA+MA). The scope of Type Approval is to comply with MSC.1/Circ. 1221 dated 11 December 2006.
- 9). Unless specifically directed by Administration, this approval is not to be construed as a substitute for Flag Administration's approval for the purpose of SOLAS, as amended and IMO MODU Code, as amended.
- 10). This certificate may not be used for EU and US flagged vessels (MED and/or USCG have their own specific requirements).
- 11). Individual review to the intended use on specific vessel, MODU or facility is required.

Notes, Drawings and Documentation

Drawing No. ISO 90012015 QMS Certification.

Drawing No. M-20.2 MED Mod B certificate.

Drawing No. N22003 (MAIN ASSEMBLY DRAWING).

Test report No. 13458 (M-20.2 ENVIRONMENTAL CONDITIONING AND SINUSODIAL VIBRATION TEST 2010) - Pleasant Prairie, WI, USA, 06-Apr-2010.

Test report No. EC.2.3.2 (DONNING TEST REPORT) - Kenosha, WI, USA, 22-Sep-1997.

Test report No. 9509.2 (SALT SPRAY (FOG) TEST) - Kenosha, WI, USA, 03-Sep-1997.

Term of Validity

This Product Design Assessment (PDA) Certificate remains valid until 01/Sep/2030 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

ABS Rules

ABS Rules for Conditions of Classification, Part 1A Ships (2025): 1A-1-4/7.7, 1A-1-A3 and A4, which covers the following:

2025 Rules for Building and classing Marine Vessels: 4-7-3/15.7.

ABS Rules for Conditions of Classification, Part 1B Offshore (2025): 1B-1-4/9.7, 1B-1-A2 and A3.

International Standards

Conforms to Regulation (EU) 2016/425 relating to personal protective equipment when assessed and examined against harmonized standard EN13794:2002.

SOLAS 1974 Chapter II-2/13.3.4, II-2/13.4.3.

ISO 23269-1:2008 Emergency Escape Breathing Devices (EEBD) for Shipboard Use.

EN 13794:2002 Respiratory protective devices; Self-contained closed-circuit breathing apparatus for escape; Requirements, testing, marking.

EU-MED Standards

European Union Marine Equipment Directive 2014/90/EU referencing testing requirement of implementing regulations (EU) 2025/1533.

SOLAS 74 Reg. II-2/13

IMO Res. MSC.98(73)-(FSS Code) 3

IMO MSC/Circ.849

ISO 23269-1:2008

EN 13794:2002

National Standards

42 CFR, Part 84.

Transport Canada in accordance with Procedures for Approval of Life-Saving Appliances and Fire Safety Systems and Products TP 14612E, 4th EDITION (02/2019) and the Vessel Fire Safety Regulations SOR/2017-14 (last amended November 23, 2022).

Government Standards

NA

Other Standards

IMO Resolution MSC.98 (73) Chapter 3.2.2 (FSS Code), IMO Resolution MSC/Circ.849.



A handwritten signature in blue ink, appearing to read 'Joseph W. ...', is written over a faint, larger version of the ABS logo.

Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 17-Mar-2026 8:47

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.