



## Confirmation of Product Type Approval

**Company Name:** OCENCO INCORPORATED

**Address:** 10225 82ND AVENUE WI 53158 United States

**Product:** Emergency Escape Breathing Device (EEBD)

**Model(s):** This approval covers model numbers 940303-M20.3 EEBD/CCER-Stored with Faceshield and 940304-M20.3 EEBD/CCER -Carried with Faceshield.

### Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	23-2374464-PDA	19-MAY-2023	18-MAY-2028
Manufacturing Assessment (MA)	20-4119150	11-MAR-2020	10-MAR-2025
Product Quality Assurance (PQA)	NA	NA	NA

### Tier

3 - Type Approved, unit certification not required

### Intended Service

Emergency Escape Breathing Device intended to provide the user respiratory protection against hazardous atmospheres while escaping to an area of safety.

### Description

The M-20.3 EEBD is a self contained, compressed oxygen, closed circuit emergency breathing device with a 10 minute service duration. The unit is fitted with a flame resistant hood and stored in a sealed container.

### Ratings

Minimum 10 minute service duration per 2015 IMO Fire Safety Systems (FSS) Code Chapter 3, Reg. 2.2.

NIOSH CAP 1-20L Closed Circuit Escape Respirator. Approval Number NIOSH/MSHA TG-13G-0007, CAP 1-20L CCER.

### 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 include a hood, which completely covers the head and neck, with a clear window for viewing and constructed of flame-resistant materials, to protect the eyes, nose and mouth during escape.
- 3). The EEBD shall only be used for escape purposes. The EEBD shall not be used for fighting fires, entering oxygen deficient voids or tanks, or worn by firefighters.

- 4). The EEBD is not suitable for offshore hydrocarbon drilling and production operations where H<sub>2</sub>S may be present. These applications require positive pressure breathing devices.
- 5). Models M-20.3 CCER w/googles (non-mining) and M-20.3 CCER w/googles (mining) are not apart of this approval and do not meet SOLAS requirements.

#### **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). Maintenance and Shelf Life to be in accordance with the Manufacturer's Manual.
- 4). 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.
- 5). Maintenance requirements, manufacturer's trademarks and serial number, shelf life with accompanying manufacture date and name of approving authority are to be printed on each EEBD. All EEBD training units are to be clearly marked.
- 6). The EEBD, when stored, is to be suitably protected from the environment.
- 7). Hydrostatic testing of the cylinder is not required in service.
- 8). Continued compliance with the statutory requirements requires maintenance of full Type Approval. 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 may be required.

#### **Notes, Drawings and Documentation**

NIOSH Test Data Sheet TN-20206 Man Test 4, SCBA - Operating and Breathing (10 min);

Ocenco M-20.3 EEBD Physical Characteristics and Performance Product Information Sheet;

Dwg. N24000, Rev. F, M-20.3 Main Assembly;

#### **Term of Validity**

This Product Design Assessment (PDA) Certificate remains valid until 18/May/2028 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**

2023 ABS Marine Vessel Rules 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-7-3/15.7, 5C-7-6/5.17.

**International Standards**

2020 SOLAS Consolidated Edition Ch. II-2, Regulation 13.3.4 & 13.4.3.

2015 IMO Fire Safety Systems (FSS) Code Chapter 3, Reg. 2.2.

**EU-MED Standards**

NA

**National Standards**

NA

**Government Standards**

NA

**Other Standards**

NA



Corporate ABS Programs  
American Bureau of Shipping  
Print Date and Time: 22-May-2023 9:59

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.