



## 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):** M-20.2 EEBD

<b>Certificate Type</b>	<b>Certificate Number</b>	<b>Issue Date</b>	<b>Expiry Date</b>
Product Design Assessment (PDA)	20-2043998-PDA	26-OCT-2020	25-OCT-2025
Manufacturing Assessment (MA)	20-4119150	11-MAR-2020	10-MAR-2025
Product Quality Assurance (PQA)	NA	NA	NA

### **Tier**

3

### **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) 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.

### **Comments**

- 1) Manufacturer's trademark and serial number, shelf life with accompanying manufacture date and name of approving authority are printed on each EEBD.
- 2) Maintenance requirements are listed in the M-20.2 EEBD Instruction Manual.
- 3) Hydrostatic testing of the cylinder is not required in service.
- 4) The Manufacturer has provided a declaration about the control of, or the lack of asbestos in this product.

#### **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 SINUSOIDAL 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 25/Oct/2025 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**

2020 Rules for Conditions of Classification, 1-1-4/7.7 & 1-1-A3 and 1-1-A4, which covers the following:  
2020 Rules for Building and Classing Marine Vessels 4-7-3/15.7

#### **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**

Approved in accordance with the requirements for emergency escape breathing devices (EEBD), fire protection item MED/3.41 of the European Union Marine Equipment Directive 2014/90/EU.

#### **National Standards**

42 CFR, Part 84.

#### **Government Standards**

NA

**Other Standards**

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

IGC Code 2016 edition Ch.14, Section 4, IBC Code 2016 edition Ch.14, Section 2.



Corporate ABS Programs  
 American Bureau of Shipping  
 Print Date and Time: 30-Nov-2020 11:06

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.