EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00008ZU

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as “Forskrift om Skipsutstyr” by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

that the Self-contained compressed-air-operated breathing apparatus

with type designation(s)
MBK24-BA6-MED

issued to
MOBIAK S.A.
Chania, Crete, Greece

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2023/1667,**
item No. MED/3.7. SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7, FSS Code 3, IBC Code 11, IGC Code 11 and IMO MSC.1/Circ.1499, IMO MSC.1/Circ.1555.

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

This Certificate is valid until **2029-08-04**.

Issued at **Høvik** on **2024-08-05**

DNV local unit:
Piraeus

Approval Engineer:
Timo Linn

Notified Body
No.: **0575**

for **DNV AS**

Mydlak-Röder, Christine
Head of Notified Body

NORWEGIAN ACCREDITATION PROD 019

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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

Product description

"MBK24-BA6-MED"
is a positive pressure, self-contained, open-circuit, compressed air breathing apparatus (SCBA) consisting of the following:

- full face mask, type MBK24-FN-MASK,
- demand valve, type MBK24-FN-DVALVE,
- body harness with back plate assembly, type MBK24-FN-BACKPLATE,
- steel cylinder, 6 L volume, type MBK24-FN-CYLINDER,
- safety valve and pressure reducer type MBK24-FN-REDUCER,
- pressure gauge and alarm whistle type MBK24-FN-ALARM,
- medium pressure hose type MBK24-FN-HOSE,
- cylinder valve, type MBK24-FN-VALVE.

Mass of apparatus: 13.9kg

For additional information please see documentation under Type Examination documentation below.

Application/Limitation

Approved for use as self-contained compressed air breathing apparatus of fire-fighter's outfit.

The complete apparatus shall undergo practical performance tests under realistic conditions to check for imperfections.

All air cylinders for breathing apparatus shall be interchangeable.

Each SCBA shall be used together with an approved lifeline (complying with the requirements of MED/3.44 and ISO 23269-2 Para 4.28.) as part of the fire-fighters outfit according to FSS Code Ch.3.2.1.3.

The apparatus is not for use in accidents with cargoes.

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

Type Examination documentation

Test report no. 2019053 dated 24 June 2019 from CCS Wuhan Rules and Research Institute Testing Center of Marine Life-Saving Appliances

Drawing no. MBK24-BA6-MED dated 11 April 2024 from manufacturer.
Drawing no. MBK24-FN-BACKPLATE dated 11 April 2024 from manufacturer.
Drawing no. MBK24-FN-VALVE dated 11 April 2024 from manufacturer.
Drawing no. MBK24-FN-CYLINDER dated 10 December 2021 from manufacturer.
Drawing no. MBK24-FN-DVALVE dated 11 April 2024 from manufacturer.
Drawing no. MBK24-FN-MASK dated 11 April 2024 from manufacturer.
Drawing no. MBK24-FN-HOSE dated 11 April 2024 from manufacturer.
Drawing no. MBK24-FN-REDUCER dated 11 April 2024 from manufacturer.

User's manual from manufacturer.

Tests carried out

Tested according to ISO 23269-2:2011.

Marking of product

The product or packing is to be marked according to ISO 23269-2:2011 §9 and with name and address of manufacturer, type designation, MED Mark of Conformity (see first page).

The pressure vessel marking shall include the charging pressure, capacity and stamp of the authorised inspection body.