EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000034C
Revision No:
1

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 Emergency escape breathing devices (EEBD): self-contained open-circuit compressed air breathing apparatus with a hood for escape

with type designation(s)
SPIROSCAPE HP 15

Issued to
Interspiro AB
Täby, **Sweden**

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2022/1157,**
item No. MED/3.41b. SOLAS 74 as amended, Regulation II-2/13, FSS Code 3 and IMO MSC/Circ. 849

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

This Certificate is valid until **2027-10-06**.

Issued at **Høvik** on **2022-10-07**

DNV local station:
Sweden NB

Approval Engineer:
Helge Bjørnarå

Notified Body
No.: **0575**

for **DNV AS**

Digitally Signed By:
Øyvind Hoff
Location: DNV Høvik, Norway
on behalf of

Sverre Olav Bergli
Head of Notified 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-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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

"SPIROSCAPE HP 15"
is a respiratory protective device for self-rescue, self-contained open-circuit compressed air, constant flow breathing apparatus incorporating a hood, having an autonomy of 15 minutes. It is carried hands-free.

Main components of the apparatus:
- carrying bag where duration time is indicated, allowing to wear the device around the neck and protecting it from the environment,
- compressed air cylinder (2 L @ 300 bar - class 15 min; 3 L @ 200 bar - class 15 min),
- regulator including a cylinder valve which can be opened and closed manually,
- constant reading pressure gauge,
- hose leading the flow of air to the hood,
- hood with an outer hood, an inner hood, an inner mask with air supply tube and an autohatch/safety valve.

Mass of apparatus: 5.3 kg

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.

Rated working duration: 15 minutes

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

Type Examination documentation

Test report No. 6435 A/08 dated 25 June 2008 from DEKRA EXAM GmbH, Essen, Germany.
Test report No. 7007 A/11 dated 23 February 2011 from DEKRA EXAM GmbH, Essen, Germany.

Drawing No. 95300, Rev. AB, dated 29 November 2007 from manufacturer.
Drawing No. 95370, Rev. R, dated 19 February 2008 from manufacturer.
Drawing No. 95374, Rev. U, dated 13 November 2020 from manufacturer.
Drawing No. 95381, Rev. K, dated 19 December 2013 from manufacturer.
Drawing No. 95387, Rev. D, dated 11 December 2013 from manufacturer.
Drawing No. 95390, Rev. N, dated 13 April 2022 from manufacturer.

Tests carried out

Tested according to ISO 23269-1:2008 and EN 1146:2005.

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 1146:2005 Ch.8 and with name and address of manufacturer and the MED Mark of Conformity (see first page).

In addition, each EEBD should be marked with "For escape only".