

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment (MED) as amended by directive (EU) 2015/559. This Certificate is issued by DNV GL SE based on the notification of the German Federal Ministry of Transport, Building and Urban Development.

This is to certify:

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

with type designation(s)

RHZK Positive pressure fire-fighting air respirator with full face mask

Issued to

Jiangsu Huayan Marine Equipment Co., Ltd.
Danyang 100, China

is found to comply with the requirements in the following Regulations/Standards:

Annex A.1, item No. A.1/3.7 and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7 and FSS Code 3

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

This Certificate is valid until **2021-09-15**.

Issued at **Hamburg** on **2016-09-16**

DNV GL local station:
Nanjing CMC



for **DNV GL SE**

Approval Engineer:
Thomas Blohme

Notified Body
No.: **0098**

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Sven Dudzus
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 Council Directive 96/98/EC, as amended.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment.

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.

Job Id: **344.1-005561-1**
Certificate No: **MEDB0000169**

Product description

- a. Type HYM-I or HYM-II full face mask with supply valve,
- b. Rest air warning system by mechanical sound alarm & display of pressure gauges devices acc. to amendments required by IMO Res. MSC.339 (91) i.c.w. IMO MSC.1/Circ.1499),
- c. Pressure reducer,
- d. Pressure gauge,
- e. Backboard,
- f. Compressed air cylinder
-RHZK5/30, steel (volume: 5 litres),
-RHZK6/30, steel (volume: 6 litres),
-RHZK6.8/30, carbon fibre composite cylinder (volume: 6.8 litres),
- g. Maximum working pressure 300 bar,
- h. The breathing air shall comply with the requirements of EN 132.

Application/Limitation

A set of manufacturer's instructions shall accompany every unit and should be kept onboard. Manufacturer's instructions for application / limitations, checks prior to use, donning and fitting, use, cleaning and disinfection, maintenance, transport and storage shall be adhered to.

Type Examination documentation

Test Report Nos. 2003102, 2003103, 200703, 2011149 dated 2012-03-20, 2011150 dated 2012-03-20 and 2012073 dated 2012-05-12 issued by Wuhan Testing Center of Marine Lifesaving Appliances, China. GL Ref. No.12-054929

Tests carried out

See above

Marking of product

The markings shall be as required by the specified standards and shall also include the EC "Mark of Conformity" according to the Directive.

The compressed air cylinder markings shall include the charging pressure, capacity and the stamp of the authorised inspection body.