

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:**That the Self-contained compressed-air-operated breathing apparatus**

with type designation(s)
"RHZK 5/30", "RHZK 6/30" and "RHZK(F) 6.8/30"

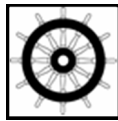
Issued to

**Jiaxing Rongsheng Lifesaving Equipment Co., Ltd.
Jiaxing City, China**

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

Regulation **(EU) 2015/559,****item No. MED/3.7. SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7, FSS Code (IMO Res. MSC.98(73)) Chapter 3.2.1.2, IBC Code 14 and IGC Code 14**

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

This Certificate is valid until **2019-06-30**.Issued at **Hamburg** on **2017-02-24**DNV GL local station:
Shanghai CMCfor **DNV GL SE**Approval Engineer:
Pavel GolyshovNotified Body
No.: **0098****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 Directive 2014/90/EU. 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. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

"RHZK 5/30", "RHZK 6/30" and "RHZK(F) 6.8/30".

Positive pressure fire-fighting air respirator with full face mask

- a) full face mask with air supply valve,
- b) pressure reducer,
- c) pressure gauge,
- d) warning whistle,
- e) backboard,
- g) compressed air cylinder:
RHZK5/30, steel [volume: 5 l, capacity: 1500 l],
RHZK6/30, steel [volume: 6 l, capacity: 1800 l],
both manufactured by "Shanghai High Pressure Special Gas Cylinder Co., Ltd"
or
RHZK(F)6.8/30, carbon fibre composite cylinder, [volume: 6.8 l, capacity: 2040 l]
manufactured by "Shanghai Tianhai Dekun Composite Cylinder Co., Ltd".

Application/Limitation

Approved for use as a respiratory protective device with full face mask.

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

Each product shall be delivered with its manual for use and maintenance. Where the reliable performance of the breathing apparatus or parts thereof is dependent of special attention due to ageing, use, cleaning/disinfection, storage conditions, service, replacement of spare parts, etc., this shall be clearly stated here.

Not to be used in accordance with cargo

The pressure vessels shall be designed in accordance with national regulations
Pressure vessels outlet connection and valves shall comply with EN 144-1.

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

Type Examination documentation

Test report nos: 2011036 and 2011037 both dated 2011-07-25 issued by Wuhan Testing Center of Marine Life-saving Appliances, China.

Tests carried out

Tested according to EN 137 (2006) and EN 136 (1998) including AC (1999) and AC (2003).

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire-technical rating and EN 137 (2006) item 8 Mark of Conformity. (see first page).

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