

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)
RHZK6-S / RHZK6.8-S

Issued to

Jiaxing Rongsheng Lifesaving Equipment Co., Ltd.
Jiaxing City 130, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306**,
item No. MED/3.7. SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7, FSS Code 3, IBC Code 14, IGC Code 14 and IMO MSC.1/Circ.1499

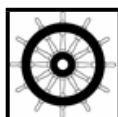
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-03-19**.

Issued at **Hamburg** on **2018-03-20**

DNV GL local station:
Shanghai

Approval Engineer:
Timo Linn



Notified Body
No.: **0098**

for **DNV GL SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

"RHZK6-S/RHZK6.8-S"

Principle components:

- a) Full face mask "RSF-1", manufactured by company "Jianxing Rongsheng Lifesaving Equipment Co., Ltd"
- b) Air supply valve "RSG-1" manufactured by company: Taizhou Xiangqing Safeguard Equipment Co., Ltd
- c) Electrical pressure gauge and rest air warning system acc. to IMO Res. MSC.339(91) and pressure gauge and rest air warning system acc. to IMO MSC.1/Circ.1499
- d) Pressure reduce
Pressure reducer "RSJ-1" manufactured by company: Taizhou Xiangqing Safeguard Equipment Co., Ltd
- e) Back-Frame
Back-Frame "RSB-1" manufactured by company: Taizhou Xiangqing Safeguard Equipment Co., Ltd
- f) Seamless steel/Carbon fibre gas cylinder:
 - RHZK6-S, steel (volume: 6 litres)
 - RHZK6.8-S, steel (volume: 6.8 litres)
- Manufactured by:
 - 6L steel cylinder, manufactured by company: Nanjing Banqiao Fire-fighting equipment CO., Ltd.
 - 6.8L carbon fibre, manufactured by company: Zhejiang Kaibo Pressure Vessel Co., LTD.
- g) Maximum working pressure 30MPa.

For Further details please see manufacturer Maintenance Manual operation Manual File No.: RS/CZ-36 or drawing no.: RS/JS-47 and information under Type Examination documentation.

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.

All air cylinders for breathing apparatus shall be interchangeable.

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

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 Nos. 2016004 and 2016005 dated 2016.01.25 issued by Wuhan Testing Center of Marine Lifesaving Appliances, China.

Test Report No. 2011036 and 2011037 dated 2011-07-25, issued by Wuhan Testing Center of Marine Lifesaving Appliances, China.

Tests carried out

EN 136 (1998) including AC(2003) and EN 137 (2006)

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire technical rating, Mark of Conformity and USCG approval number (see first page).

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