

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)
RHZK6/30, RHZKF6.8/30

Issued to

DONGTAI VOLER SAFETY EQUIPMENT CO.,LTD
Dongtai, Jiangsu, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397**,
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.

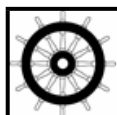
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2024-11-14**.

Issued at **Hamburg** on **2019-11-15**

DNV GL local station:
Nantong

Approval Engineer:
Roland Priebe



Notified Body
No.: **0098**

for **DNV GL SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

The **RHZK6/30** and **RHZKF6.8/30** are self-contained compressed-air-operated breathing apparatus.

Model	Bottle volume	Nom. working pressure	Capacity	Weight	Cylinder material
RHZK6/30	6 L	30 Mpa	1800 L	≤16 kg	Seamless steel gas cylinder
RHZKF6.8/30	6.8 L	30 Mpa	2040 L	≤10.5 kg	Full wrapped composite cylinder aluminium lined

For further details refer to the documentation listed below under "Type Examination documentation".

Application/Limitation

Approved for use as self-contained compressed-air-operated breathing apparatus of fire-fighter's outfit in accordance with SOLAS II-2 Reg.10.10.1.2.

The SCBA is in compliance with IMO FSS Code Ch.3 Para 2.1.2.1 and 2.1.2.2 as amended by IMO Res. MSC.339(91).

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.

Maximum working pressure 30MPa.

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

Type Examination documentation

- Test report No. 2019053 and 2019054 dated 24th June 2019 from CCS Wuhan Rules and Research Institute Testing Center of Marine Life-saving Appliances
- Product data sheet from manufacturer
- EEBD Instructions from Manufacturer

Tests carried out

Tested acc. to EN 137 (2006), EN 136 (1998) and ISO 23269-2:2011

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.