

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB00003DS
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

That the Emergency escape breathing devices (EEBD)

with type designation(s)
70321 - Emergency Evacuation Breathing Device "ESCAPE -15", SOLAS

Issued to

Lalizas Hellas S.A.
Piraeus, Greece

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

Regulation **MSN 1874 Amendment 7,**
item No. UK/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 **2027-11-28.**

Issued at **London** on **2023-09-27**

DNV local unit:
Piraeus



for **DNV UK Ltd.**

Approval Engineer:
Roland Priebe

Approved Body No.: **0097**

Christine Mydlak-Röder
MER Service Responsible



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved 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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

70321 - Emergency Evacuation Breathing Device "ESCAPE -15", SOLAS is an open-circuit compressed air emergency escape breathing device incorporating a hood for escape.

Rated working duration: 15 minutes

Rated working pressure: 200 bar.

The principal components are as follows:

- Compressed air cylinder (3L) made from steel.
- Regulator reducer and pressure gauge assembly.
- Hood/ mask/breathing hose assembly.
- Carrying satchel with harness strap.

Application/Limitation

Approved as an emergency escape breathing device in accordance with SOLAS II-2 Reg.13.3.4 and FSS Code Ch.3.2.2. to provide personnel breathing protection during escape from a compartment that has a hazardous atmosphere.

Not to be used for fighting fires or when entering oxygen deficient tanks or voids or worn by fire-fighters.

Air cylinders and valves to be designed and manufactured in accordance with a national standard.

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

Type Examination documentation

Test report No. 2012078 dated 24 September 2012 from Wuhan Testing Center of Marine Life-Saving Appliances, China.

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, type designation, fire technical rating and the UK Mark of Conformity (see first page).

In addition, each EEBD should be marked with "FOR ESCAPE ONLY".