

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB000094X
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 Lifejackets

with type designation(s)

Lifejackets: Adult 2010-3, Child 2010-2, Infant 2010-1

Issued to

EVAL – E.G. Vallianatos S.A.

Ano Liosia, Greece

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

Regulation **MSN 1874 Amendment 9,**

item No. UK/1.4. SOLAS 1974 as amended, Reg. III/4, III/7, III/22, III/34 & X3, LSA Code, 2000 HSC Code 8 and IMO MSC/Circ.922, IMO MSC.1/Circ.1304 and 1470 and MSC.1/Circ.1628

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

This Certificate is valid until **2029-12-07**.

Issued at **London** on **2024-12-08**

DNV local unit:
Piraeus



for **DNV UK Ltd.**

Approval Engineer:
Timo Linn

Approved Body No.: **0097**

Mydlak-Röder, Christine
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

'Lifejackets: Adult 2010-3, Child 2010-2, Infant 2010-1'

Are orange/yellow coloured inherently buoyant lifejackets for adult, child & infant with the following inherent buoyancy:

- Min. inherent buoyancy of adult prototype (weight 43 - 140 kg): 150 N
- Min. inherent buoyancy of child prototype (weight 15 – 43 kg): 85 N
- Min. inherent buoyancy of infant prototype (weight <15 kg): 70 N

Material	Type designation	Manufacturer
Buoyancy Material	PE foam, 8 mm thick, closed cell construction (ISO 12402-7)	EVAL – E.G. Vallianatos S.A.
Fabric material	200D Nylon with PU coating and water repellent (ISO 12402-7)	EVAL – E.G. Vallianatos S.A.

Application/Limitation

The adult lifejacket is approved for persons of more than 43 kg.

The child lifejacket is approved for persons of 15 - 43 kg.

The infant lifejacket is approved for persons of less than 15 kg.

Position indicating light and retro-reflective materials shall be approved in accordance with the Marine Equipment Regulations and bear the UK Mark of Conformity.

The design assessment is based on IMO Res. MSC 48(66) as amended by IMO Res. MSC 207(81), IMO Res. MSC 218(82), IMO Res. MSC.368(93) and Res. MSC.481 (102).

Production testing shall be carried out according to IMO Res. MSC 81(70), part 2.

Type Examination documentation

Drawings	Date
Infant Life Jacket 85N, Drawing No. V-501 Rev.E	2024-02-01
Adult Life Jacket 150N, Drawing No. V-503 Rev.E	2024-02-01
Child Life Jacket 85N, Drawing No. V-502 Rev.E	2024-02-01
Reports	Date
Test report No. CL/DAZ/12/2014 issued by PRS S.A. Testing Laboratory, Gdansk, Poland	2014-07-15
Test report No. CL/WBO/13/2017 issued by PRS S.A. Testing Laboratory, Gdansk, Poland	2017-11-24
Test report No. CL/WBO/03/2019 issued by PRS S.A. Testing Laboratory, Gdansk, Poland	2019-06-28
Test report No. CL/PCLB2/16/2024 issued by PRS S.A. Testing Laboratory, Gdansk, Poland	2024-06-20
Test report No. CL/PCLB2/20/2024 issued by PRS S.A. Testing Laboratory, Gdansk, Poland	2024-11-05
Survey report No. CW/KKk/MED/20/2024 issued by PRS S.A. Testing Laboratory, Gdansk, Poland	2024-07-04
Other	Date
User Manual	2024-10-05

Tests carried out

Tests carried out in accordance with Revised Recommendation on Testing of Life-Saving Appliances, IMO Res. MSC. 81(70), part 1, including IMO Res. MSC 200(80), IMO Res. MSC 226(82), IMO Res. MSC 323(89), IMO Res. MSC 378(93) and Res. MSC.481 (102) – Type II.

Marking of product

The product is to be indelibly marked with name and address of the manufacturer, type designation and date of manufacture. In addition, the child lifejacket shall be marked with the appropriate weight range and a child symbol in accordance with IMO Res. A.760(18) and the infant lifejacket according to MSC.1/Circ.1244.

The markings shall comply with the LSA Code (IMO Res. MSC.48(66)), item 1.2.2.9 and 2.2.1.6