

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000074Y

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

This is to certify:

That the Rigid rescue boats

with type designation(s)
G-RB4 Rescue Boat

Issued to

Gepa Fiberglass San ve Tic.A.S
Istanbul, Turkey

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

Regulation **(EU) 2021/1158**,

item No. MED/1.18. SOLAS 1974 as amended, Reg. III/4, III/21, III/31, III/34 & X/3, LSA Code, 2000 HSC Code 8 and IMO MSC/Circ.1006

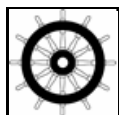
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-03-15**.

Issued at **Hamburg** on **2022-03-16**

DNV local station:
Istanbul

Approval Engineer:
Michael Oberländer



Notified Body
No.: **0098**

for **DNV SE**

Christine Mydlak-Roeder
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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

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

"G-RB4" is a rigid rescue boat equipped with an outboard engine. It is fitted with a helmsman console, a self-righting device installed on a A-frame at the stern and a single point central release hook.

Length over all:	5.41 m
Breadth over all:	1.86 m
Height over all:	1.96 m
Number of persons (82.5 kg each):	max. 6
Weight of boat, fully equipped	970 kg
Weight of boat, fully manned (6 persons):	1465 kg
Hook manufacturer and type:	H.Henriksen AS, HRH 1.5 (MEDB00002R5 Rev.2)
Hook SWL:	1650 kg
Hull material:	GRP
Buoyancy foam:	ISOFOAM RM120 W
Propulsion system:	Single outboard 4-stroke EFI engine (MEDB000034G Rev.2)
Engine manufacturer and type:	Mercury 40 / 40 hp (1) Mercury 60 / 60 hp (2)
Bollard pull:	2.55 kN (1) 2.65 kN (2)

Application/Limitation

Number of persons, max:	6
Maximum launching weight with 6 persons:	1465 kg

The rescue boat equipment shall comply with LSA Code and IMO Res.MSC.81(70). A list of the equipment to be posted inside the boat.

The design assessment is based on IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81), IMO Res. MSC.218(82) and IMO Res. MSC.272(85) and IMO Res. MSC.320(89).

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

An operation and maintenance manual shall be delivered together with each boat.

Type Examination documentation

Basis for approval:

Design documentation as listed in drawing list (GEPA-Fiberglass)

Main drawings:

G-RB4-01 General Arrangement	Rev.6
G-RB4-04 Self Righting Device Construction	Rev.3
G-RB4-05 Seating Plan	Rev.1
G-RB4-08 Lamination Plan	Rev.7
G-RB4-09 Hook Leg Foundation	Rev.3
G-RB4-10 Automatic Painter Release Bollard	Rev.3
G-RB4-14 Midship Section	Rev.5
G-RB4-17 Transom Construction	Rev.5
G-RB4-21 Longitudinal Section Plan	Rev.6
G-RB4-25 Equipment Arrangement	Rev.1

Test reports:

- Evaluation and test report according MSC.1/Circ.1631 Sec.5.2, witnessed by DNV, dated 2022-03-10
- Flame resistance test acc. MSC/Circ.1006 by Applied Research Center of Materials Science and Production Technologies, report no.142/B dated 2009-12-10
- Fire retardant test: report.no. 103-Y-1312 dated 2013-12-06
- Flame resistance test: report no. 101-Y-1311 dated 2013-11-08

Tests carried out

Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC.81(70) part 1, as amended by IMO Res. MSC.226(82), IMO Res. MSC.274(85), IMO Res. MSC.321(89) and IMO Res. MSC.323(89), and IMO MSC/Circ.1006.

Marking of product

The product is to be indelibly marked with name and address of manufacturer, boat model and serial number, month and year of manufacturer, number of persons approved for and operational restrictions, if any, according to LSA code item 4.4.1.2 and the mark of conformity (see page 1).