TYPE EXAMINATION CERTIFICATE – EC MODULE B

Certificate no.:
MEDB00008JZ

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as “Forskrift om Skipsutstyr” by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

that the Launching appliances using fall (davits)

with type designation(s)
TDB-4000L

issued to
Vestdavit AS
LAKSEVÅG, **Norway**

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2024/1975,**
item No. MED/1.21. SOLAS 74 as amended, Regulation III/4, III/23, III/33, III/34 & X/3, LSA Code, 2000 HSC Code 8 and IMO MSC.1/Circ.1632

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

This Certificate is valid until **2030-03-04**.

Issued at **Høvik** on **2025-03-05**

DNV local unit:
Gdansk CMC

Approval Engineer:
Kris Michael Gabriel

Notified Body
No.: **0575**

for **DNV AS**

Mydlak-Röder, Christine
Head of Notified Body

NORWEGIAN ACCREDITATION PROD 019

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 AS 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 USD 300 000.

Product description

Rescue Boat Davit with:

- Maximum Working Load, MWL = 4000 kg

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with maker's product certificates (3.1).
- The various components transferring the load like wires, shackles, hooks, etc. are to comply with international standard or code and are to be delivered with manufacturer's certificate, confirming a safety factor minimum 6 compared to the sustained load.
- Falls to be used with the launching appliance shall be of rotation-resistant and corrosion-resistant steel wire rope.
- Installation, on-board testing (MSC.81(70) part.2), support to the deck structure, and connection to power supply are not included in this examination and shall be accepted by attending surveyor in each case.

Type Examination documentation

154732	00	cylinder F1-FFL-D-8050x4200-C-1-SP
70318	00	Buckling curve and data
DR-TDB-4000L	00	Static analysis report
VD117004	1	Inner Beam Welded Assembly
VD117013	1	Wiresheave Housing for Inner Beam
VD117030	1	Winch Foundation - Inner Beam Welded Assembly
VD117054	1	Inner Beam Assembly Drawing
VD117056	1	Inner-Beam Guiding Arm Welded Assembly
VD117075	1	Middle Beam Assembly Drawing
VD117076	1	Middle Beam
VD117080	1	Outer Beam Welded Assembly
VD117081	1	Outer Beam Foot Hinge
VD117082	1	Energy Chain Tray
VD117084	1	Cylinder Hinge for Outer Beam
VD117085	1	Cylinder Hinge for Outer Beam
VD117089	1	Sliding Plate
VD117092	1	Full assembly
VD117109	1	Inner-Beam Energy Chain Arm
VD117110	1	Inner-Beam Energy Chain Arm
VD117111	1	Inner-Beam Energy Chain Connector
VD117114	1.2	Hydraulic Diagram on Davit
VD117115	1.1	Hydraulic Diagram on Deck
VD117133	1	Mid-Beam Energy Chain Arm
VD120958	1	Shock Absorber Assy
VD121398	1.1	Winch AW-356-2-V-S MWL-5000 WINCH ASSEMBLY
VD-OM-92124	01	Operation manual VD-OM-9212
VD-TM-92124	00	TECHNICAL USER MANUAL 92124 FDF Level 1

Tests carried out

Prototype tested in accordance with IMO Resolution MSC.81(70) Part 1.

Marking of product

Marking shall be implemented in accordance with the LSA Code, item 1.2.2.9 and the Directive:

- Type designation, manufacturer name and serial number
- Maximum Working Load, MWL

END OF CERTIFICATE