

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00007MF

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)
PLD-12001

Issued to

Vestdavit AS
LAKSEVÅG, Norway

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

Regulation (EU) 2021/1158,

item No. MED/1.21. SOLAS 74 as amended, Regulation III/4, III/23, III/33, III/34 & X/3, LSA Code and 2000 HSC Code 8

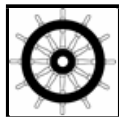
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-01-24**.

Issued at **Høvik** on **2022-01-25**

DNV local station:
Gdansk CMC

Approval Engineer:
Paulo Correia



Notified Body
No.: **0575**

for **DNV AS**

Sverre Olav Bergli
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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 300,000 USD.



Product description

Launching appliance for Lifeboat / Rescue boat with:

- Maximum Working Load, MWL = 12 000kg

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

<u>Drawing No.</u>	<u>Rev.</u>	<u>Title(s)</u>
VD116214	3	PLD-12001 - General arrangement drawing
VD116199	1	Davit Structure
VD116194	1	Davit Assembly - Assembly Drawing
VD116378	1.2	Hydraulic diagram on davit
VD116200	1	Top Block - Davit Structure
VD116377	1.1	Hydraulic diagram on deck
VD116199	1	Davit Structure
VD116204	1	Foot hinge on Davit - Welded Assembly
VD116394	1	PL 30 x 295 x 3705 - Plastic Plate
VD116431	1	Pin Ø100, L=186
VD116248	1	Bushing - Ø95/Ø150, L=50 - Cylinder Hinge
VD116263	1	Bushing - Ø100/Ø150, L=70 - Foot Hinge
VD116280	1	Pin Ø90, L=222
VD116246	1	PL 40 x 250 x 500 - Plate
VD116248	1	Bushing - Ø95/Ø150, L=55 - Cylinder Hinge
VD116245	1	Cylinder Hinge - Davit Structure
VD116233	1	Lower leg assembly - Welded Assembly
VD116212	1	Foot Hinge Welded - Ø100
VD116246	1	PL 40 x 250 x 500 - Plate
VD116211	1	Foot Hinge - Ø100
VD116225	1	Guiding hinge welded - Cylinder hinge (Right)
VD116194	1	Davit Assembly - Assembly Drawing
VD116205	1	Intermediate Sheave Block - Davit Structure
VD116200	1	Top Block - Davit Structure
VD116203	1	Housing plate - Top Block
VD116198	1	Round Bar Ø100, L=294
VD116197	1	Round Bar Ø100, L=186
VD115696	1	Plate 120 X 50, t=12
VD116207	1	Housing Plate - Intermediate Sheave Block
VD116210	1	Cylinder Hinge Welded - Ø90
VD116209	1	Cylinder Hinge Ø90
VD-TM-9xxxx	00	TECHNICAL USER MANUAL - OPERATION & MAINTENANCE



Job Id: **344.1-011709-1**
Certificate No: **MEDB00007MF**

VD-CR-PLD-12001 01 Calculation report

Tests carried out

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

<u>Description</u>	<u>Report</u>	<u>Date(s)</u>	<u>Witnessed by</u>
PLD-12001 - GA Rev.3	MSC.1/Circ.1632	2021-11-25	DNV GL Redzikowo, Poland

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