DNV·GL

Certificate No:
MEDB000025W

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

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 GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Launching appliances using fall (davits)

with type designation(s)
TSB-2500

Issued to
Vestdavit AS
LAKSEVÅG, Norway

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559,**
Annex A.1, item No. A.1/1.21 and Annex B, Module B in the Directive; 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 **2022-03-13**.

Issued at **Høvik** on **2017-03-14**

DNV GL local station:
Bergen

Approval Engineer:
Paulo Correia

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Product description

Rescueboat Davit:

- Maximum Working Load, MWL = 2500 kg
- Maximum Hoisting Load, MHL = 2500 kg
- Wire Rope Diameter = 13 mm

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with makers product certificates (3.1).
- The various components transferring the load like wires, shackles, hooks, etc. are to comply with international standards or codes 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, onboard 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

	0	VD-TSB2500-TM User Manual
D013476	B	Cylinder assembly
A-15220	16.06.2016	Hydraulic diagram TSB-2500
A-15222	4	Hydraulic diagram 2xTSB-2500
VD101145	0	Linepuller for SK1500
VD101377	1	Hinge bolt
VD101153	1	Linepuller bracket
147729	1	PL 3x80x55
146535	1	Round bar ø40L=131
VD101492	1	Sheavehouse welded assembly
VD100496	1	CP4BG50x300
VD100367	1	Sheave house SK1502
I-1006082	1	Plate 40x80xt=10
147766	1	Round bar ø30 L=79
147734	1	PL 4 ø75
VD101405	2	Refil unit 20L_2015
146500	0	Distance washer ø65mm T=3mm
146892	1	Distance washer ø75mm T=5mm
146890	1	PL 20x110x110
VD100111	1	Davit hinge pin
VD100114	1	Cylinder hinge pin
VD100113	1	Wiresheave pin
VD100112	1	Wiresheave pin
VD100087	1	Cylinder hinge
VD100084	1	Foot hinge
VD100081	1	Outerbeam hinge plate
VD100077	1	Outerbeam hinge plate
VD100076	1	Outer beam assembly
VD100072	1	Outerbeam welded assembly
144350	1	Font Hinge
144298	1	PL 15x300x120

110239	1	PL 15x300x60
VD100115	1	Cylinder hinge
VD100090	1	Outerbeam with sliding plates
146886	1	PL 10x100x40
147849	1	PL 10x60x30
146888	1	PL 10x80x40
146887	1	Plate t=10, 80x30 mm
VD100106	0	Slider small limit switch TDB
VD101380	0	Limit switch arm
VD101379	0	Limit switch arm
VD101378	0	Limit switch
VD100092	1	Inner beam assembly
148211	1	PL 3x660x180
147121	1	PL 5x253x146
144453	1	PL 10x472x272
144298	1	PL 15x300x120
110239	1	PL 15x300x60
VD101495	1	Energy chain support arm
VD100505	1	Accumulator support assembly
VD100503	1	Wiresheave house plate
VD100502	1	Wiresheave housing
VD100441	1	Cylinder support assembly
VD100108	1	Winch foundation plate
VD100101	1	Cylinder hinge welded assembly
VD100098	1	Winch foundation assembly
VD100093	1	Inner beam assembly
D013476	0	Hydraulic Cylinder
146745	0	Rubber spacer for winch
VD100094	0	TSB-2500

Tests carried out

Prototype testing according to IMO Resolution MSC 81(70) is carried out 2017-01-02 and witnessed by DNV GL Gdansk.

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