

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)

MOB 5.25 TM - 400V incl. Winch type 1-BL-2.0

Issued to

MB Hydraulikk AS
MJOSUNDET, Norway

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

Regulation (EU) 2017/306,

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

item No. MED/1.24. SOLAS 74 as amended, Regulation III/4, III/12, III/16, III/34 & X/3, LSA Code and 2000 HSC Code 8

item No. MED/1.41a. SOLAS 74 as amended, Regulation III/4, III/16, III/17, III/23, III/24, III/34, X/3, LSA Code and 2000 HSC Code

item No. MED/1.41c. SOLAS 74 as amended, Regulation III/4, III/16, III/17, III/23, III/24, III/34, X/3, LSA Code and 2000 HSC Code

item No. MED/1.41d. SOLAS 74 as amended, Regulation III/4, III/16, III/17, III/23, III/24, III/34, X/3, LSA Code and 2000 HSC Code

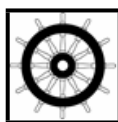
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2022-04-19**.

Issued at **Høvik** on **2017-04-20**

DNV GL local station:
Kristiansund N

Approval Engineer:
Mats Asvald Innstø



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
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 GL 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



Product description

Rescueboat/Liferaft Davit and Winch with;

- Maximum Working Load, MWL = 1500 kg

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 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, 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

EX-1927	C	Exploded view of planetary gear box RRWD500DB
Ø-64-25	C	Smørekart. Bomløft. Type: 1-BL-2,0
Ø-64-10 parts list	C	Parts list for Cable Winch 1-BL-2,0
Ø-64-10	D	Delesammenstilling. Bomløft. Type: 1-BL-2,0
Ø-64-32	F	Detaljtegning. Bomløft. Trommel og ramme. Type: 1-BL-2,0
A-81-55	A	Stag som erstatning for sylinder bomløft til MOB-båt kran 5,25 tm SWL 1500 kg.
A-81-30-STAG	-	Arrangement, MOB boat crane, MOB 5,25 tm-400-V
A-81-25-STAG	-	Lubrication chart, MOB boat crane, MOB 5,25 tm-400-V
A-81-10-STAG Parts list	-	Parts list for MOB-boat crane MOB 5,25 tm-400-V
A-81-10-STAG	-	Assembly drawing, MOB boat crane, MOB 5,25 tm-400-V
A-81-36	-	Arbeidstegning, bom, vinsjefeste
H-3411	-	Hydraulikkskjema for MOB 5,25 tm-400-V. Kran nr.:
A-81-05	-	MOB-båt kran SWL 5,25 tm. Kraftdiagram. Bom og ramme
A-81-25	-	Lubrication chart, MOB-boat crane, MOB 5,25 tm-400-V
A-81-10 Parts list	-	Parts list for MOB-boat crane, MOB 5,25 tm-400-V
A-81-10	-	Assembly drawing, MOB boat crane, MOB 5,25 tm-400-V
A-69-50	-	Innfesting hydraulikk, deler for sikringsline, lagringsbolter. MOB-5,5 tm-400-V
A-69-32	-	Arbeidstegning, kransøyle og fundament
A-81-30	-	Arrangement, MOB boat Crane type MOB-5,25 tm-400-V



Job Id: **344.1-001062-8**
Certificate No: **MEDB00002NH**

Tests carried out

Davit Prototype testing according to IMO Resolution MSC 81(70) carried out 2007-10-19, witnessed by DNV Kristiansund.

Winch Prototype test according to IMO Resolution MSC 81(70) carried out 2012-10-16, witnessed by DNV Kristiansund.

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