EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00009BJ

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 Winches for survival craft and rescue boats: (b) free-fall lifeboats

with type designation(s)
FD6700

issued to
Oriental Precision Machinery Co., Ltd.
Busan, **Korea, Republic of**

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2024/1975,**
item No. MED/1.41b. SOLAS 74 as amended, Regulation III/4, III/16, III/23, III/24, III/34, X/3, LSA Code and IMO MSC.1/Circ.1632

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

This Certificate is valid until **2029-10-16**.

Issued at **Høvik** on **2024-10-17**

DNV local unit:
Gimhae Station

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

Product description

Winch for free-fall lifeboat with;

- Maximum Working Load, MWL = 6637 kg
- Minimum Breaking Load of Wire Rope, MBL = 22000 kg
- Wire Rope Diameter = 16 mm, 3 layers

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

Drawing No.	*Rev.*	*Title*
FD6700-011100-0000	1	Free Fall Lifeboat Davit & Winch / FD6700 (document binder)

Tests carried out

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

Report:	*Date(s):*	*Witnessed by:*
Prototype test	2014-03-24	DNV Busan, Korea

Marking of product

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

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

END OF CERTIFICATE