DNV·GL

Certificate No:
MEDB00000BB

EC-TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. 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)
Davit NPT 60 DL

Issued to
Jiangyin Neptune Marine Appliance Co., Ltd.
Jiangyin , China

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

Høvik, 2015-10-23
for **DNV GL AS**

This Certificate is valid until
2020-01-23

Notified Body No.: **0575**

Vidar Dolonen
Head of Department

DNV GL local office:
Nanjing

Paulo Correia
Surveyor

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Job Id: **344.1-001236-15**
Certificate No: **MEDB00000BB**

Product description

Rescueboat Davit with;

- Maximum Working Load, MWL = 60 kN (30kN per arm)
- Maximum Recovery Load, MRL=40kN
- Minimum Breaking Load of Wire Rope, MBL = 215 kN (for 15mm diameter)
  MBL = 188 kN (for 18mm diameter)

May be delivered in the following versions:

- NPT50F/C – 4600mm distance between hooks with wire rope diameter = 15 mm (for installation height between 30m and 37m)
- NPT60F/C – 5500mm distance between hooks with wire rope diameter = 18 mm (for installation up to 30m)

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

NPT60DL-00(74m)	0	General arrangement
NPT60DL-00JS_E	0	Davit Calculation
NPT60DL-01-0(ø15mm)	0	Head Tackle
NPT60DL-01-05-0(ø15mm)	0	Pulley
NPT60DL-01-05-01(ø15mm)	0	Body
NPT60DL-02-0(ø15mm)	0	Floating tackle
NPT60DL-05(ø15mm)	0	Guide tackle
NPT60DL-14-0(ø15mm)	0	Boat Fall and remote arrangement
NPT60DL-14-05-0(ø15mm)	0	Guide tackle
NPT60DL-14-09-0(ø15mm)	0	Boat Fall
NPT60DL-14-09-01(ø15mm)	0	Plate
NPT60DL-14-09-02(ø15mm)	0	Shaft
NPT60DL-00	0	NPT60DL, Gravity Luffing Arm Type Davit, General Arrangement

Tests carried out

Testing according to IMO MSC 81 (70) carried out 10 February 2010, witnessed by DNV Nanjing

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

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

END OF CERTIFICATE