

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, 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 Release mechanism for free-fall lifeboats

with type designation(s)
NPT105HKF

Issued to

Jiangyin Neptune Marine Appliance Co., Ltd.
Jiangyin City, China

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/1.26c and Annex B, Module B in the Directive; SOLAS 74 as amended, Reg. III/4, III/16, III/34 & X/3, LSA Code and 2000 HSC Code 8

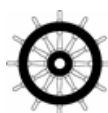
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-07-24**.

Issued at **Høvik** on **2016-07-25**

DNV GL local station:
Jiangyin FiS&CMC

Approval Engineer:
Xiao Long Eric Song



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

Product description

Free-fall Lifeboat Release Mechanism, with;

- Safe Working Load, SWL = 10500 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 standards or codes and are to be delivered with manufacturer's certificate, confirming a safety factor minimum 6 compared to the sustained load.
- 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.
- Support to hull structure is not included in this examination and shall be evaluated separately.

Type Examination documentation

NPT105HKF-00JS	2010-02-04(0)	Hook Strength Calculation Sheet
NPT105HKF-06	2010-02-04(0)	General Arrangement
NPT105HKF-06-01	2010-02-04(0)	Hook
NPT105HKF-06-02	2010-02-04(0)	Side Plate
NPT105HKF-06-03	2010-02-04(0)	Hook Pin
NPT105HKF-06-04	2010-02-04(0)	Lock Piece
NPT105HKF-06-05	2010-02-04(0)	Plate
NPT105HKF-06-06	2010-02-04(0)	Operating Lever Pin and Bush

Tests carried out

Prototype testing according to IMO Resolution MSC 81(70) carried out 2010-05-12 and witnessed by DNV GL 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
 - Safe Working Load, SWL

END OF CERTIFICATE