

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB000036H**  
Revision No:  
**1**

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 Norway.

## This is to certify:

**That the Launching appliances using fall (davits)**

with type designation(s)  
**NRB-20 and NRB-20 MKII**

Issued to  
**Norsafe AS**  
**FÆRVIK, Norway**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation **(EU) 2018/773**,  
**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**

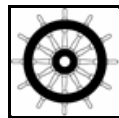
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-02-12**.

Issued at **Høvik** on **2018-08-06**

DNV GL local station:  
**Kristiansand S**

Approval Engineer:  
**Zrinka Cizmek**



Notified Body  
No.: **0575**

for **DNV GL AS**

**Roald Vårheim**  
**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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



Job Id: **344.1-007422-2**  
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## Product description

1. NRB-20: Rescue boat Davit with:
  - Maximum Working Load, MWL = 2000 kg
2. NRB-20 MKII: Rescue boat Davit with:
  - Maximum Working Load, MWL = 2000 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

Documentation for NRB-20:

Drawing No	Rev.	Title
G-502056	0	Rescue Boat Davit General Arrangement
13100	0	DocIndex13100, Rev.00

Documentation for NRB-20 MKII:

Drawing No	Rev.	Title
14644	2	DocIndex14644, Rev.02
G-502512	1	Rescue Boat Davit General Arrangement

## Tests carried out

NRB-20: Prototype testing according to IMO Resolution MSC 81(70) carried out 2017-09-26 and witnessed by DNVGL Jiangyin.

NRB-20 MKII: Prototype testing according to IMO Resolution MSC 81(70) carried out 2018-06-21 and witnessed by DNVGL Jiangyin.

## 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