

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB0000028**  
Revision No:  
**7**

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 Release mechanism for lifeboats and rescue boats (launched by a fall or falls)**

with type designation(s)  
**K4-D, K4-D FM**

Issued to

**VIKING NORSAFE LIFE-SAVING EQUIPMENT NORWAY AS**  
**FÆRVIK, Norway**

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

Regulation **(EU) 2018/773,**

**item No. MED/1.26a. SOLAS 74 as amended, Reg. III/4, III/16, III/34 & X/3, LSA Code and 2000 HSC Code 8**

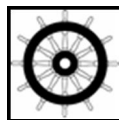
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2024-07-03.**

Issued at **Høvik** on **2019-07-04**

DNV GL local station:  
**Kristiansand S**

Approval Engineer:  
**Paulo Correia**



Notified Body  
No.: **0575**



for **DNV GL AS**

Digitally Signed By: Matteucci, Aldo

Location: DNV GL Høvik, Norway

on behalf of

**Roald Vårheim**  
**Head of Notified Body**

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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: **344.1-004211-8**  
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## Product description

- Off-load Release Hook for Rescue Boat with
- Safe Working Load, SWL = 4,0 tonnes

## Application/Limitation

- Grades of materials as stated on drawings are to be delivered with makers product certificates (3.1).
- Support to hull structure is not included in this examination and shall be evaluated separately.
- 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.

## Type Examination documentation

<b><i>Drawing No.</i></b>	<b><i>Rev.</i></b>	<b><i>Title</i></b>
	3	Index 6120, for K4-D.
	1	CAL-0133, for K4-D
	0	Index 17456, for K4-D FM
	3	CAL-0132, for K4-D FM
MAN-0097	1	Operation and Maintenance Manual for Norsafe K4-D & K4-D-FM Release Hooks
REP-0529	0	Prototype Test K4-D-FM

## Tests carried out

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

<u>Description</u>	<u>Report</u>	<u>Date(s)</u>	<u>Witnessed by</u>
K4-D	MSC.81(70)	2013-12-06	DNV GL Bergen, Norway
K4-D FM	MSC.81(70)	2015-05-20	DNV GL Bergen, Norway

## 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
  - Safe Working Load, SWL

**END OF CERTIFICATE**