

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

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)  
**HMK 3,5**

Issued to

**H. Henriksen AS**  
**TØNSBERG, 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**

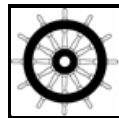
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2024-01-14.**

Issued at **Høvik** on **2019-01-15**

DNV GL local station:  
**Sandefjord**

Approval Engineer:  
**Mats Asvold Innstø**



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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



## Product description

Off-load release hook with safe working load, SWL = 3500 kg

The hook may be used with optional swivel joint HSL 3.5.  
The hook may be used with optional adapter plate HH004534.

The product will be delivered with the following versions:

- HMKST 3.5
- HMKR 3.5
- HMKRWH 3.5
- HMKRH 3.5
- HMKG 3.5
- HMKCR 3,5

## 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.
- Support to hull structure is not included in this examination and shall be evaluated separately.

## Type Examination documentation

<u>Drawing No.</u>	<u>Rev.</u>	<u>Title</u>
<b>HH000026</b>	<b>-6</b>	<b>HMKST 3.5</b>
HH040001	B2	Hovedbolt ø35
HH020001/02	A8	Sideplate
HH010005	B6	Krokemne
<b>HH000115</b>	<b>-10</b>	<b>HMKR 3.5</b>
HH040001	B2	Hovedbolt ø35
HH020065	A3	Sideplate
HH020066	A6	Sideplate
HH010017	-1	Krokemne
<b>HH000709</b>	<b>-6</b>	<b>HMKRWH 3.5</b>
HH040001	B2	Hovedbolt
HH020067	-6	Sideplate
HH020068	A5	Sideplate
HH010005	B6	Krokemne

Job Id: **344.1-002222-9**  
Certificate No: **MEDB00004TT**

<b>HH000088</b>	<b>-11</b>	<b>HMKRH 3.5</b>
HH040001	B2	Hovedbolt
HH020051	A4	Sideplate
HH020052	A5	Sideplate
HH010017	-1	Krokemne

<b>HH003050</b>	<b>0</b>	<b>HMKG 3.5</b>
HH023096	-3	Sideplate
HH023097	-5	Sideplate
HH010005	B6	Krokemne
HH040001	B2	Hovedbolt

<b>HH004844</b>	<b>-4</b>	<b>HMKCR 3.5</b>
HH040001	B2	Hovedbolt
HH020067	-6	Sideplate
HH020068	A5	Sideplate
HH010005	B6	Krokemne

## 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>
Initial testing	Report No. POR03160	1999-02-02	DNV Porsgrunn, Norway
Testing, after revised drawings	Verification Statement No: N141R965	2019-01-09	DNV GL Sandefjord, 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**