

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 lifeboats and rescue boats (launched by a fall or falls)

with type designation(s)
HMKT 3.5 & HMKGT 3.5

Issued to
H. Henriksen AS
TØNSBERG, Norway

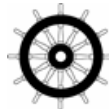
is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/1.26a and Annex B, Module B in the Directive; SOLAS 74 as amended, Reg. III/4, III/16, III/34 & X/3, LSA Code and 2000 HSC Code 8

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

This Certificate is valid until **2021-05-10**.

Issued at **Høvik** on **2016-05-11**

DNV GL local station:
Sandefjord



for **DNV GL AS**

Approval Engineer:
Finn-Roger Sørland

Notified Body
No.: **0575**

Vidar Dolonen
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 Council Directive 96/98/EC, as amended.

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.

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 hooks HMKT 3.5 & HMKGT with max. working load, SWL=3.5 Tonnes
- Safe working load, SWL=3500kg

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.
- Support to hull structure is not included in this examination and shall be evaluated separately.
- PREN for each Material batch is to be documented to have equal or higher value than demonstrated in Salt Spray testing report no. 2016-5014 rev.0.
- The hook system has been evaluated in line with the LSA Code as amended, including IMO Res. MSC.320 (89) & MSC.321(89).

Type Examination documentation

HMKT 3.5

<i>Drawing No.</i>	<i>Rev.</i>	<i>Title</i>	<i>Status</i>
HH000069 HMKT 3,5	C	Sammenstilling	For Info.
HH020039	C	Sideplate	Approved
HH020040	C	Sideplate	Approved
HH010011	A	Krokemne	Approved
HH040063	B	Hovedbolt	Approved

HMKGT 3.5

<i>Drawing No.</i>	<i>Rev.</i>	<i>Title</i>	<i>Status</i>
HH000969	0	Sammenstilling	For Info.
HH020967	A	Sideplate	Approved
HH020968	B	Sideplate	Approved
HH010011	A	Krokemne	Approved
HH040063	B	Hovedbolt	Approved

Tests carried out

Initial testing carried out February 2005, witnessed by DNV Høvik.

Marking of product

- Marking shall be implemented in accordance with the LSA Code, item 1.2.2.9:
- Safe working load, SWL
 - Type designation and serial number

END OF CERTIFICATE