DNV·GL

EC-TYPE EXAMINATION CERTIFICATE

Certificate No:
MEDB000008A

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, 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)
HMK 8

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.

Høvik, 2015-09-07
for **DNV GL AS**

This Certificate is valid until
2020-09-06

Notified Body No.: **0575**

Vidar Dolonen
Head of Department

DNV GL local office:
Sandefjord

Mats Asvald Innstø
Surveyor

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Product description

Off-load release hook with safe working load, SWL = 8 Tonnes
The hook may be used with optional swivel joint HSL 8

The product will be delivered in the following versions:

- HMKST 8
- HMKR 8
- HMKRWH 8
- HMKRW 8
- HMKG 8
- HMKWS 8 (unique swivel joint)
- HMKRHB 8

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.
- 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

Drawing No.	***Rev.***	***Title***
HH000028	0	HMKST 8.0 Sammenstilling/partslist
HH040011	0	Hovedbolt
HH020005/6	0	Sideplate
HH010003	A	Krokemne
HH000087	0	HMKR 8.0 Sammenstilling/partslist
HH040011	0	Hovedbolt
HH020049/50	A	Sideplate
HH010016	0	Krokemne
HH002200	0	HMKRWH 8.0 Sammenstilling/partslist
HH040011	0	Hovedbolt
HH022198/199	0	Sideplate
HH010003	A	Krokemne
HH000085	0	HMKRW 8.0 Sammenstilling/partslist
HH040011	0	Hovedbolt
HH020047/48	0	Sideplate
HH010016	0	Krokemne
HH006192	2	HMKG 8.0, Sammenstilling/partlist
HH040011	0	Hovedbolt
HH026193/94	-	Sideplate
HH010003	A	Krokemne

HH007896	1	HMKWS 8 Sammenstilling/partlist
HH005978	5	Krok sammenstilling
HH025970	0	Sideplate 1
HH025971	1	Sideplate 2
HH040011	0	Hovedbolt
HH010003	A	Krokemne
HH005985	2	Svivel
HH007652	-	HMKRHB 8 Sammenstilling/partlist
HH027657	2	Sideplate 1
HH027658	1	Sideplate 2
HH040011	0	Hovedbolt
HH010016	0	Krokemne

Tests carried out

Prototype testing carried out in December 1991, witnessed by DNV Høvik.
Additional testing is done 2014-04-03, witnessed by DNV Sandefjord.
HMKWS 8 w/swivel joint tested 2012-12-03 witnessed by DNB Sandefjord.

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
- Maximum Working Load, SWL

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

END OF CERTIFICATE