Certificate No:
TAS00003U8

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Hook - Lifesaving

with type designation(s)
HMK 3,5

Issued to
H. Henriksen AS
TØNSBERG, **Norway**

is found to comply with
IMO SOLAS 1974 as amended and the LSA Code
Transport Canada Life Saving Equipment Regulations, TP14475 and TP14612

Application :

Hook for Lifeboats & Rescueboats

Issued at **Høvik** on **2023-09-04**
This Certificate is valid until **2028-09-03** .
DNV local unit: **East & South Norway CMC**

Approval Engineer: **Ola Emil Ruud**

for **DNV**

Per Esvall
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

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

- All instructions and markings accompanying the equipment shall be in both English and French as per TP14612E.
- Grades of materials as stated on drawings are to be delivered with maker's product certificates (3.1).
- Falls to be used with the launching appliance shall be of rotation-resistant and corrosion-resistant steel wire rope.
- Installation, on-board testing (MSC.81(70) part.2) and support to the deck structure, are not included in this examination and shall be accepted by attending surveyor in each case.
- This certificate covers the design of the release device. Owner is responsible to cover installation-specific Canadian requirements referred to in the Life Saving Equipment Regulations and TP14475E.

Type approval documentation

Tests carried out

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

Place of production: Traeleborgveien 15, 3112 Tønsberg, 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

and according to Schedule IX of the Life Saving Equipment Regulations and TP14475.

Periodical assessment

For retention of this Type Approval, a DNV surveyor shall perform a periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days). The objective of the periodical assessment is to verify that the conditions for the Type Approval have not been altered. (Ref DNV-CP-0338 Type approval scheme).
Validity of this certificate can be checked at https://approvalfinder.dnv.com

END OF CERTIFICATE