



Certificate no.:
TAS00004H0

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Cargo Securing Devices

with type designation(s)
Emergency Tool OT-E-CLAW-TL-FA/L/15

issued to

SEC Ship's Equipment Centre Bremen GmbH & Co. KG
Bremen, Germany

is found to comply with

DNV rules for classification – Ships

Application:

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

SWL, tension (kN) 90

Issued at **Hamburg** on **2025-03-12**

This Certificate is valid until **2030-03-11**.

for **DNV**

DNV local unit: **Hamburg – CMC North/East**

Approval Engineer: **Mark-Oliver Wobig**

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 USD 300 000.

Product description

Emergency tool

Application/Limitation

Load	Tension [kN]
Test Load	180
Breaking Load	360

Tests to be carried out:

- Production testing for emergency tool for lifting: Fittings used for lifting purposes require single testing and corresponding certification.
- Material tests are to be included energy testing at -20°C, with the impact energy requirements acc. to DNV-CP-0068. The material shall be according to the approved drawings. Material certificates shall be 3.1 acc. to ISO 10474:2013.

The Emergency tool shall be used in emergency case only. Maximum lifting of two containers if locks have a malfunction!

Type Approval documentation

Drawing No.	Rev.	Title
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P-OT 9146 A	A	Emergency tool
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Drawing approval: Job-Id. 262.1-042637-1 dated 2024-11-18

Prototype test report SEC, for Emergency tool OT-E-CLAW-TL-FA/L/15 dated 2024-12-18

Tests carried out

The prototype test was carried out in Nanjing, P.R. China, dated 2024-12-18 in accordance with the DNV CP-0068 and DNV-ST-0377.

Marking of product

Each item shall be marked by manufacturer for traceability.

Periodical Assessment

For retention of the Type Approval, a DNV surveyor shall perform a survey after 2 and 3.5 years, to verify that the Type Approval is complied with.