Certificate No: LR26222212CSF
Issue Date: 18/05/2026
Expiry Date: 17/05/2031

General Approval of a Cargo Securing Fitting

Company **SEC Ship's Equipment Centre**

Address Bremen GmbH & Co. KG, Speicherhof 5, Bremen, 28217, Germany

This certificate is issued to above to certify that the undernoted cargo securing fittings have been granted approval in accordance with the requirements of the rules and regulations for the classification of ships Part 3, Chapter 14 - Cargo Securing Arrangements.

Description Fully Automatic Twistlock

Model TL-FA/HL (P-TL 9293 B)

Application Securing device for use as part of a container securing system for ISO freight containers on-board ship.

Ratings Maximum safe working load not exceeding the following values:

Tension: 250 kN
Shear: 200 kN
Compression: 1200 kN

VERTICAL CLEARANCE measured: 9.0mm @250 kN
VERTICAL CLEARANCE including abrasion addition for calculations: 10.0mm

Approval Documentation

Drawing Number	Date Of Approval	DAD Number
P-TL 9293 B	26 Apr 2026	HAM2604051 - FDD - PDF - 001

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Royce Liu
Ship Structure - Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Test

The prototype tests have been witnessed by the Society's Surveyors and reported in certificate dated 12.05.2026.
The function test dated 28.04.2026 at Drehtainer GmbH has been witnessed by Specialists from Hamburg TSO.

Other Conditions

This approval is granted subject to the following conditions and operational restrictions:
a) Special attention is to be paid if separation forces are calculated to occur simultaneously at both corners of a container end wall (either door or closed end) for any of the ship motions as given in as in Part 3, Chapter 14, Section 8.2.3 of the Rules, i.e. roll, pitch or combined motions as applicable. If separation forces are calculated additional securing fittings, e.g. lashing rods should be applied.
b) The fitting is generally not permitted at the bottom tier of all containers stowed on deck or on hatch covers and bridging hatch covers and container stanchions.
c) If the fitting is used as securing element as part of a Cargo Securing Manual the Manual is to include the information regarding the limitations stated in paras. a) & b) above.
d) The approval of the fitting will remain to be subject of satisfactory service experience, and Lloyd's Register reserves the right to require remedial measures if service experience should show reasons for concern.

Fittings are to be installed in accordance with the approved plans and operated in accordance with the Manufacturer's recommendations and directions. This certificate is valid until the expiry date or any relevant changes to our rules, whichever comes first.

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