Certificate No: LR2692530CSF
Issue Date: 02/03/2026
Expiry Date: 01/03/2031

General Approval of a Freight Container 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 container 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 Twistlock, fully automatic,
Our ref: CSF 2139

Model TL-FA/G/B (P-TL-9148 D)

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

Ratings SWL(Tension) = 250 kN,
SWL(Shear) = 150 kN,
SWL(Compression) = 1200 kN

Approval Documentation

Drawing Number	Date Of Approval	DAD Number
P-TL-9148 D	29.01.2013	HDS/SST 22766-13

Test Prototype tests have been witnessed by our Surveyor and are reported in Certificate No SHI 1320132/2 ,SHI 19200037 and test certificate dated 12.01.2026. Function tests in accordance with PAC-HULL-11 Revision 0 dated 17/08/12 have been witnessed at Drehtainer GmbH dated 18/01/2013 and found acceptable.

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Ralf Boede

Ship Structure - Lead 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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Other Conditions

This approval is granted subject to the following conditions and operational restrictions:

-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.

-The fitting is generally not permitted for all containers bridging hatch covers in transverse direction or bridging hatch covers and container stanchions or containers bridging hatch covers and any other fixed ship structure e.g. decks in transverse direction.

-If the TL-FA/G/B is used as securing element as part of a Container Securing Manual, the Manual is to include the information regarding the limitations stated in paras above.

-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 is 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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