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Certificate No: 19-00012-04 Issue Date: 11/05/2022 Expiry Date: 28/03/2024

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer LANEX a.s.

Address Hlucinska 96/1, Bolatice, 747 23, Czech Republic

Type Mooring Ropes

Description Marine and offshore mooring ropes of synthetic materials

Trade Name HMPE - Type T, POLYS - Type T, CRUISER - Type T, CRUISER PLUS - Type T,

TITAN - Type T, TITAN PLUS - Type T.

Application Marine and offshore mooring ropes

Specified Standard BS EN ISO 10556:2009 – Fibre ropes of polyester/polyolefin dual fibres

BS EN ISO 9554:2019 – Fibre ropes. General specification BS EN ISO 10572:2009 – Mixed polyolefin fibre ropes

EN ISO 10325:2018 - High Modulus Polyethylene - 8 strand braided

ropes, 12 strand braided ropes and covered ropes

EN ISO 2307:2019 - Determination of certain physical and mechanical

properties

Ratings HMPE Type T:

Diameter (mm): 16mm to 48mm

Minimum breaking strength (kN): 260.00 to 1775.00

Make up: 12 strand braided

Heather Hughes

Team Leader - Non-Metallics 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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POLYS Type T:

Diameter (mm): 18mm to 48mm

Minimum breaking strength (kN): 65.00 to 397.00

Make up: 12 strand braided

CRUISER Type T:

Diameter (mm): 18mm to 48mm

Minimum breaking strength (kN): 70.00 to 468.00

Make up: 12 strand braided

CRUISER PLUS Type T:

Diameter (mm): 16mm to 48mm

Minimum breaking strength (kN): 73.00 to 553.00

Make up: 12 strand braided

TITAN Type T:

Diameter (mm): 18mm to 48mm

Minimum breaking strength (kN): 74.80 to 506.20

Make up: 12 strand braided

TITAN PLUS Type T:

Diameter (mm): 18mm to 44mm

Minimum breaking strength (kN): 84.50 to 507.80

Make up: 12 strand braided

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document 19-00012-04 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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