Certificate No: LR23119767TA
Issue Date: 24/03/2023
Expiry Date: 23/03/2028

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 **Jiangsu Xiangchuan Rope Technology Co.,Ltd**

Address No.8 ChengNan Road, Cheng Nan Industrial Park, Baoying County, Yangzhou, 225000, China

Type Mooring Ropes

Description Single Point Mooring Hawser 8-Strand & 12-Strand

TYPE:
Size 6, Ø48 mm-Size 15, Ø120 mm for Polyamide
Size 6, Ø48 mm-Size 11, Ø88 mm for HMPE
Size 6, Ø48 mm-Size 15, Ø120 mm for Polypropylene & Polyester Mix

Application Marine and Offshore for Single Point Mooring

Specified Standard Guidelines for Purchasing and Testing of SPM Hawsers-OCIMF-(First Edition-2000)

Ratings

Material	New Wet Breaking Strength
Polyamide	410.1kN-2175.1kN
HMPE	1719kN-4734.1kN
Polypropylene & Polyester Mix	368.4kN- 2108.7kN

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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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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.

Previous Version: Where the product is intended to be installed on board ship class with Lloyd's Register (LR), the following conditions should be followed:

1. LR Type approval does not remove the requirement for inspection and survey procedure required by the Rules and OCIMF "Guidelines for the Purchasing and Testing of SPM Hawsers (First Edition-2000)" for the ropes to be used in ships classed or intended to be classed with LR.

2. This approval relates to the single point moorings only.

3. Manufacturer's installation instruction should be followed and to be installed to the satisfaction of the attending Surveyor.

The Design Appraisal Document No. STS/TA/324400, Issued number 0, dated 05 January 2017 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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