

Type Approval Certificate in accordance with OCIMF Guidelines for 8 Strand Ropes, First Edition 2000

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.

This certificate is issued to:

PRODUCER M/s GULF ROPE & PLASTIC PRODUCTS CO. LLC.

PLACE OF P.O.BOX No. 21422 PRODUCTION Sajaa Industrial Area

> Dhaid Road Sharjah U.A.E.

DESCRIPTION POLYPROPYLENE + POLYESTER MIX 8 STRAND PLAITED ROPE

TYPE Dual Fiber Polypropylene + Polyester Mix Rope

APPLICATION Marine and Offshore Mooring Ropes

STANDARD OCIMF – Guidelines for Purchase and Testing of SPM Hawsers

(First Edition 2000)

BS EN ISO 10566:2009; Fibre ropes of polyester / polyolefin dual fibres BS EN ISO 2307:2010; Fibre ropes – Determination of certain physical

and mechanical properties

Certificate No. 16/00111

Issue Date 1st November 2016

Expiry Date 1st November 2021

Sheet 1 of 2

Mayur Jogia Marine Technical & Engineering Services, Southampton Lloyd's Register MEA

Lloyd's Register EMEA 71 Fenchurch Street, London EC3M 4BS

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RATINGS

No 6 (48mm diameter rope) No 15 (120mm diameter rope)

New dry breaking strength: 47.99 Ton 242.75 Ton

246.65 Ton New wet breaking strength: 51.95 Ton

Thousand cycle load level: 75.51%

Rope sizes manufactured: 32mm up to 120 mm

OTHER CONDITION

- 1. LR Type Approval does not eliminate any requirements for a test certificate, or inspection, where required for contractual or statutory requirements
- 2. Quoted breaking strengths are minimum values, therefore no tested values may be below the stated minimum

It is accordingly certified that the above rope was constructed and tested in accordance with the OCIMF Prototype Rope Testing Guidelines. 1st Edition – 2000

"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 No. OCIMF/D/002, Dtd.25/07/2016 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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