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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 | KATRADIS MARINE ROPES INDUSTRY S.A. |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Address | 11 Psaron & Anapafseos Str., Drapetsona, Piraeus, 186 48, Greece |
| Туре | Mooring Ropes |
| Description | 24 strand polyolefin and high tenacity polyester blend |
| Trade Name | Improved Mixed NIKA-STEEL® |
| Application | Mooring lines |
| Specified Standard | OCIMF (MEG4) 4th edition 2018, appendix B8 CI500B-15: Test Method for Fibre Rope Performance Properties API RP 2SM: Recommended Practice for Design, Manufacture, Installation, and Maintenance of Synthetic Fibre Ropes for Offshore Mooring |

Ratings Rope diameters: 36mm up to 80mm

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. LR2004652TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Mayur Jogia Lead Specialist - Non-Metallics to Lloyd's Register EMEA A member of the Lloyd's Register group

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