Certificate No: LR25411598TA
Issue Date: 01/10/2025
Expiry Date: 30/09/2030

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	**DHMC Co Ltd**
Address	190 Yongang-ro Samho-eup Yeongam-gun, Jeollanam-do, 58453, South Korea
Place of Production	DHMC Co Ltd 190 Yongang-ro Samho-eup Yeongam-gun, Jeollanam-do, 58453, South Korea
Type	Emergency Towing Systems
Description	ETS2000-DHF (pawl type, forward) ETS2000-DHA (on deck type, afterward) Emergency Towing System
Trade Name	ETS2000-DHF, ETS2000-DHA
Application	For emergency towing system: appropriate for tankers of 20,000 tonnes DWT and over but less than 50,000 tonnes DWT
Specified Standard	- IMO Resolution MSC 35(63) - Part 3, Chapter 13, Section 9 of Lloyd's Register's Rules and Regulations for the Classification of Ships (July 2020)
Ratings	Minimum Safe Working Load = 1,000kN (102 tonnes-f)
Other Conditions	Where intended to be installed in a ship classed or intended to be classed with

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Satya Gupta
Specialist - Ship Structure - In-Service & MEC to Lloyd's Register Marine and Offshore India LLP

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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Lloyd's Register (LR), the following conditions are applicable: -
1) Pennant, chaffing chains and their associated fittings should be manufactured and tested in accordance with the requirements of Chapter 10 of the Rules for the Manufacture, Testing and Certification of Materials.
2) Emergency towing arrangement is to be installed onboard the ship to the attending LR surveyor's satisfaction.
3) This approval relates to the emergency towing arrangement only. Attachment to the ship structure should comply with the requirements of the Rules and Regulations for the Classification of Ships.

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 Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR25411598TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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