Certificate No: LR26162711TA
Issue Date: 13/04/2024
Expiry Date: 12/04/2029

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	**KTE Co., Ltd.**
Address	95-12 Noksaneop-Daero, Busan, 46752, South Korea
Place of Production	Dongkwang Engineering Co 191-8, Noksansaneopjung-ro, Gangseo-gu, Busan, South Korea
Type	Alarm Indication Unit
Description	Group Alarm Unit
Trade Name	KTMS-20 Series
Application	Marine and offshore applications for use in environmental categories ENV3 in the "General power distribution zones" as defined in LR Type Approval System Test Specification No.1 - 2024
Specified Standard	Manufacture's instruction manual (V1.4E dated 08 July 2010)
Ratings	KTMS-20-10 (alarm 10 points), KTMS-20-6 (alarm 6 points), HGAU-20B (alarm terminal board for sensor input), Relay board for output module, External alarm board for output module

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Gyung-Hwan Lee

Electrical & Control - Lead Specialist to
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A member of the Lloyd's Register group

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Other Conditions Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

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 Asia of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR2004344TA-02

The Design Appraisal Document LR26162711TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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