Certificate No: LR24119201TA
Issue Date: 05/10/2024
Expiry Date: 04/10/2029

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	**Meiyo Electric Co., Ltd..**
Address	485 Nanatsushinya, Shimizu-ku, Shizuoka-shi, Shizuoka, 424-0066, Japan
Place of Production	Meiyo Electric Co., Ltd.. 485 Nanatsushinya, Shimizu-ku, Shizuoka-shi, Shizuoka, 424-0066, Japan
Type	Transmitters/Transducers
Description	Thermo-couple
Trade Name	MCA-S, MCA-D, MCA-2D, MCA-HN1, MCA-SC, MCA-SCD, MCA-FD, MCA-FN, MCA-M, MCA-2MB, MCA-MB
Application	Marine and offshore applications for use in environmental categories ENV2 and ENV4 as defined in LR Test Specification No.1-2002 where the Test Specification is satisfactory for the intended operation.
Specified Standard	Manufacturer’s specification : No. 11001 and LR2-2009
Ratings	Temperature Range: 0 to 800°C Class: 1 or 2
Additional Tests	Low temperature test at 5°C for 2 hours

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Masaharu Nakayama

Electrical & Control - Senior Specialist to
Lloyd's Register Group Ltd
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 Group Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR2003379TA

The Design Appraisal Document LR24119201TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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