Certificate No: LR2163360TA
Issue Date: 27/01/2021
Expiry Date: 26/01/2026

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	**Hangzhou Chuomei Technology Co., Ltd**
Address	2/FPlant 4Gouzhuang Village.Liangzhu, StreetYuhang District, Hangzhou, 311100, China
Place of Production	Hangzhou Chuomei Technology Co., Ltd 2/FPlant 4Gouzhuang Village.Liangzhu, StreetYuhang District, Hangzhou, 311100, China
Type	Emissions Monitoring System
Description	Continuous Emission Monitoring System Analyzer cabinet (IP44) with gas analyser CM-5000-UV(for SO2) CM-5000-RD(for CO2), , Sample system with CM-100 type of sample gas probe(220V AC, 50/60Hz, 350W)
Trade Name	CM-CEMS-8000
Application	Marine applications for use in environmental categories ENV1 and ENV2 in the "General Power Distribution Zones" as defined in LR Type Approval System Test Specification No. 1 March 2019.
Specified Standard	delete
Ratings	Power Supply: AC 230V, 50/60Hz Component Sensor type Measuring Range SO2 DOAS 0~500ppm

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Ke Lin Zhang

Lead Specialist to Lloyd's Register
Classification Society (China) Co Ltd
A member of the Lloyd's Register group

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

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CO2	NDIR	0~25 vol.%

Other Conditions

1. The system shall be installed, calibrated and operated in compliance with the manufacturer's instructions.
2. In justified cases where the CO2 concentration is reduced by the EGC unit, the CO2 concentration can be measured at the EGC unit inlet, provided that the correctness of such a methodology can be clearly demonstrated.
3. Software has been tested to an extent required to verify correct functions during type approval testing.

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 Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR2163360TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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