Certificate No: LR26267004TA
Issue Date: 06/07/2026
Expiry Date: 19/06/2031

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	**Wärtsilä Finland Oy**
Address	Teollisuuskatu 1, Vaasa, 65170, Finland
Place of Production	Prodrive Technologies B.V. Science Park Eindhoven 5501, Son, 5692 EM, Netherlands
Type	Control Units
Description	Cylinder Control Module used in Wärtsilä engine applications
Trade Name	CCM-30
Application	Marine, offshore and industrial application for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in Lloyd's Register Type Approval System, Test Specification Number 1 -2014
Specified Standard	Manufacturer's specification IACS UR E10 (Rev.10 Aug 2024)
Additional Tests	Dry heat (85°C for 16hrs) Low temperature (-25°C for 2hrs) IP2x enclosure test

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Pawan Borate

Specialist Electrical & Control to Lloyd's Register Marine and Offshore India LLP
A member of the Lloyd's Register group

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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Other Conditions

Software aspects are covered by the LR Software Conformity Assessment process.

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

Previous Version: LR21316174TA

The Design Appraisal Document TSO-26-059367-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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