

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	Norsk Analyse AS
Address	Wirgenesvei 10, Barkaaker, 3157, Norway
Place of Production	Norsk Analyse AB Nyängsgatan 5, Grums, S-66434, Sweden
Type	Exhaust Gas Systems
Description	Emission monitoring system for marine vessels
Trade Name	ShipCEMS Compact
Application	Marine, Offshore and Industrial application in environmental categories ENV1 and ENV2 as defined in LR Test Specification No. 1: 2015 where the Test Specification is applicable for the service.
Specified Standard	Manufacturer's specification
Other Conditions	When the ShipCEMS Compact is used in installations intended to comply with MEPC.259(68), installation and performance as per requirements in MEPC.259(68) Annex 1 section 6,7,8 is required. For the purpose of automatic calibration of the ShipCEMS Compact, one (1) vessel of verification gas shall be connected during operation.

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

The Design Appraisal Document HTS/ETS 41797-21 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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