Certificate No: LR22513798TA
Issue Date: 25/10/2022
Expiry Date: 29/07/2026

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	**Magnetrol International N.V.**
Address	Heikensstraat 6, Zele, 9240, Belgium
Place of Production	Magnetrol International Incorporated 705 Enterprise Street, Aurora, IL, 60504-8149, United States
Type	Recording And Indicating Instruments
Description	Guided Wave Radar - based Level Transmitter
Trade Name	ECLIPSE TM 705 ECLIPSE TM 706
Application	Marine, offshore and industrial applications for use in environmental categories ENV1, 2, 3 and 5, as defined in the Type Approval Test Specification No. 1 (2020)
Specified Standard	Manufacturer's Standard, Rules and Regulations of Ships, July 2022
Ratings	GENERAL PURPOSE: 11 to 36 Vdc SIGNAL OUTPUT: 4-20 m A or 4-20 m A with HART
Additional Tests	Radiated Emissions, EN 50081-2

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Gerard Vromans

Service Delivery Manager to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Other Conditions

for ECLIPSE TM 705
ATEX II 3G Ex ic [ia Ga] IIC T4,
ATEX II 1G Ex ia II C, Ta = -40 C to +70 C
ATEX II ½ G E x ia/db IIC T4 Ga/Gb
ATEX II2(1) G Ex db [ia Ga] IIC T4 Gb

For ECLIPSE TM 706
ATEX II ½ G Ex db/ia [ia IIC Ga] IIB +H2 T6 Ga/Gb or
ATEX II ½ G Ex ia/tb [ia Da] IIIC T85 C … T 450 C Da/Db
II 1G Ex ia IIC T4 Ga or
II 3 (1) G Ex nA [ia Ga} IIC Gc

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.

Previous Version: 01/30013 (E5)

The Design Appraisal Document PRJ11100358633 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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