Certificate No: LR25204848TA
Issue Date: 03/09/2025
Expiry Date: 02/09/2030

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	**API Marine ApS**
Address	Troensevej 12, Aalborg, 9220, Denmark
Type	Transmitters/Transducers
Description	UTS - Ultrasonic tank level switch TLA - Ultrasonic tank level alarm sensor UPT - Universal pressure transmitter UTT - Universal temperature transmitter TGD - Tank gauging devicefor level, temperature and pressure
Trade Name	UTS, TLA, UPT, UTT, TGD
Application	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV5 as defined in Lloyd's Register Type Approval System, Test Specification Number 1 - 2002.
Specified Standard	Manufacturer's Specification IACS UR E10 (Rev.8 Feb 2021)

Ratings

Power supply:		24 VDC
UTS, TLA:	Output:	4...20 mA
UPT:	Output:	4...20 mA, HART, 2-wire system
	Measuring range:	0...400 bar

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Ashwinikumar Mhamal

Electrical & Control Technical Manager - Africa, Middle East & India to Lloyd's Register Marine and Offshore India LLP

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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UTT:	Output:	4...20 mA, HART, 2-wire system
	Measuring range:	-200...+400°C
TGD:	Output:	4...20 mA, HART, 2-wire system
	Measuring range:	Level: 0...30m Temperature: -200...850°C Pressure: -1...40 bar Desity: 500...1500 kg/m³

Additional Tests Low temperature (-65°C/16h)*

Other Conditions Ratings for application in hazardous areas are to be obtained from the applicable Ex Certificates.

*Limited to -40°C when installed in hazardous area.

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: LR21152547TA

The Design Appraisal Document TSO-25-039977-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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