Certificate No: LR26158673TA
Issue Date: 23/04/2026
Expiry Date: 20/01/2031

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 **Henri Systems Holland B.V.**

Address Scheepmakersstraat 33, Zwijndrecht, 3334 KG, Netherlands

Type Level Gauges

Description Marine Float Type Level Gauge
FTLG 807 SUS (or INV) TA 39, and remote indicator - TankGuard 831

Trade Name Float Type Level Gauge 807, TankGuard 831

Application Marine Float Type Level Gauge for Gas Carriers and Chemical Tankers.
Tank Guard 831 is for marine and offshore use in environmental categories ENV1 & ENV2 as described in LR Test Specification No.1: 2024.
Float Type Level Gauge 807 (Sensor) is for marine and offshore use in environmental categories ENV5 as described in LR Test Specification No.1: 2024

Specified Standard LR Test Specification No. 1: 2024
EN60079-0 : 2012, EN 60079-11 : 2012

Ratings

Sensor

Explosion protection:	II (1)G [Ex ia Ga] IIB T4
Measuring range:	0 – 37 m
Max. working pressure:	2.0 MPa (20 bar)

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Ashwinikumar Mhamal

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

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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Cargo temperature range:	–165 °C – +90 °C
Ambient temperature:	–20 ° C – +60 °C
Material floater:	DIN 1.4404 - AISI 316L
Material head, drum, wire:	DIN 1.4404 - AISI 316, on request Wire FeNi36
Weight:	±65 kg
Electrical output:	U=16Vdc, I=52mA,P=169mW, C=50nF,L=250µH

Indicator

4-20mA / Hart, maximum :	U = 30Vdc, I = 191mA, P = 1.43W, C = 0.5µF, L = 3mH
CANbus, max. values:	U = 17Vdc, I = 549mA, P = 2.34W, C = 1.9µF, L = 1mH
FTLG, max values:	U = 12.4Vdc, I = 48mA, P = 148mW, C = 1.9µF, L=10mH

Other Conditions

The Ex-certification does not form part of this certificate. Ratings for application in hazardous areas are to be obtained from the applicable Ex Certificates. Specific Conditions of Use as stated in applicable Ex-certificates shall be observed when installed in hazardous areas.

Project specific cyber resilience review is to be carried out when remote indicators - TankGuard 831 are to be installed in ships classed with LR, as applicable.

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 re-approved prior to it being supplied to vessels to which the amended standards apply.

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

Previous Version: LR2121034TA

The Design Appraisal Document TSO/25-051567-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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