Certificate No: LR26319301TA
Issue Date: 05/07/2026
Expiry Date: 04/07/2031

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	**Kuk Dong Level Co**
Address	94, Jangpyeong-ro 41beon-gil, Saha-gu, Busan, 49484, South Korea
Place of Production	Kuk Dong Level Co 94, Jangpyeong-ro 41beon-gil, Saha-gu, Busan, 49484, South Korea
Type	Level Gauges
Description	Flat type level gauge with three types of connection at the top end:- A-Type : Open air vent B-Type : Closed return to tank without valve C-Type : Closed return to tank with self-closing valve
Trade Name	KD-FLG
Application	Device to directly indicate the level of liquid in water tanks and oil tanks (Cargo ships only) in marine and offshore applications
Specified Standard	Lloyd's Register's Rules and Regulations for the Classification of Ships (July 2026), Part 5, Chapters 13
Ratings	Maximum Working Pressure : 0.49 MPa Maximum Working Temperature : 120°C

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Saheli Gamare

Engineering Piping - Specialist to Lloyd's Register Marine and Offshore India LLP
A member of the Lloyd's Register group

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Other Conditions

1. Where the gauge is used on tanks containing flammable liquid, the following conditions will be applicable:
   i. For the B type, the top of the gauge is to be connected to the tanks above the maximum liquid level.
   ii. For the A type, the air vent pipe of the gauge is to be connected to the air pipe of the tanks for use on oil fuel tanks and other heated tanks.
   iii. The flash point of oil fuel is to be not less than 60°C.
2. 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.
3. 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: LR21182308TA

The Design Appraisal Document LR26319301TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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