Certificate No: LR21182308TA
Issue Date: 05/07/2021
Expiry Date: 04/07/2026

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	**Kuk Dong Level Co**
Address	18, Dadae-ro 354beonan-gil, Saha-gu, Busan, 49469, Republic of 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, Part 5, Chapters 13,July 2021
Ratings	Maximum Working Pressure : 0.49 MPa Maximum Working Temperature : 120°C
Other Conditions	Where the gauge is used on tanks containing flammable liquid, the following conditions will be applicable:

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Da-Young Kang

Senior Specialist to Lloyd's Register Asia
A member of the Lloyd's Register group

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For the B type, the top of the gauge is to be connected to the tanks above the maximum liquid level.
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.
The flash point of oil fuel is to be not less than 60°C.

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

The Design Appraisal Document LR21182308TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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