Certificate No: LR26282596TA
Issue Date: 11/04/2026
Expiry Date: 10/04/2031

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	**PANASIA Co., Ltd.**
Address	55, Mieumsandan 3-ro, Gangseo-gu, Busan, 46744, South Korea
Type	Level Gauges
Description	Flat Type Glass Level Gauge (PA-FLG-P100 Series) Self Powered Contents Level Gauge (PCG-150 Series) Diaphragm/dial gauge system – requires no external power source Dial gauge size: 150mm
Trade Name	PA-FLG-P100 Series, PCG-150 Series
Application	Marine and offshore applications for use in environmental categoriesENV1, ENV2 and ENV3 as defined in LR Type Approval System Test Specification Number 1, July 2024 where the Test Specification is satisfactory for the intended operation.
Specified Standard	PA-FLG-P100 Series: - Manufacturer's Standard: No.DS-PA-LG-01, JIS Standards to flange sizes & ratings for steel pipe. PCG-150 Series: - Manufacturer's Standard: No. DS-PA-PCG-01.

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Ratings

PA-FLG-P100 Series: -
Max. Working Pressure: 3kg/cm^2,
Max. Temperature: 100°C.

Other Conditions

1. Not suitable with flammable liquids with a flash pointless than 60°C for PA-FLG-P100 Series.
2. Self closing valve types only to be used with flammable liquids for PA-FLG-P100 Series.
3. Not to be used with flammable liquids on passenger ships.
4. 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.
5. 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 Asia of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR21121421TA, LR21131182TA

The Design Appraisal Document LR26282596TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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