Certificate No: LR26536649TA
Issue Date: 02/11/2026
Expiry Date: 01/11/2031

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	**FDC Co., Ltd.**
Address	129, Golden root-ro 129beon-gil, Juchon-myeon, Gimhae-si, Gyeongsangnam-do, 50969, South Korea
Type	Explosion Relief Device
Description	Rapid explosion relief device for installation in the exhaust gas pipe between the engine and the exhaust outlet of a gas fuelled engine forming part of a multiple engine propulsion plant, or of a gas fuelled auxiliary engine. The device may be installed in either the vertical or horizontal orientation.
Trade Name	Explosion Relief Device (ERD)
Application	Marine
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships, July 2026, Part 5, Chapter 2.
Ratings	NPS 8"(200A) / NPS 16"(400A) / NPS 18"(450A) / NPS 20"(500A) / NPS 22"(550A) / NPS 24"(600A) / NPS 26"(650A) / NPS 28"(700A)
Other Conditions	*1. The application of the above mentioned rapid explosion relief devices in the exhaust gas pipe between the engine and the exhaust outlet of a gas fuelled engine is limited to multi-engine propulsion installations or auxiliary engines.*

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Jong-Yong Ha

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

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

Previous Version: LR25211956TA

The Design Appraisal Document LR26536649DAD and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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