Certificate No: LR26146618TA
Issue Date: 14/04/2026
Expiry Date: 18/11/2028

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 **HD Construction Equipment Co., LTD.**

Address 477 Bundangsuseo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, 13553, South Korea

Place of Production HD Construction Equipment Co., LTD.

489, Injung-ro, Dong-gu, Incheon, 22502, South Korea

Type Internal Combustion Engines

Description 4-stroke, direct injection, single acting and In-line type trunk piston diesel engine

Trade Name 4AD126TI Group

Application Marine emergency generator drives
Suitable for operation with marine diesel oil

Specified Standard Part 5, Chapter 2 of Lloyd's Register's Rules and Regulations for the Classification of Ships (July 2023)

Ratings Performance rating:-

	4AD126TIS	4AD126TIF
Number of Cylinder :	6 In-line	6 In-line
Rated power (kW) :	302	257
Engine speed (rpm) :	1800	1500

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Jong-Yong Ha

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

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Maximum firing pressure (bar) :	151	146
Mean Indicated pressure (bar) :	19.28	19.69

Other Conditions

Where the engines are intended to be installed on a ship classed with LR, conditions of approval in paragraph 2 of Machinery General Design Appraisal Document No. BTS/ENG/M251037 is to be satisfied.

Limitations:-

1) Type approval does not eliminate the need for normal inspection survey procedures required by the Rules and Regulations.

2) 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.

3) (in case of applications other than Marine) The application of this Type Approval Certificate will be limited to the relevant scope of the specified standards and acceptance thereof by the local authorities.

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: LR2571638TA

The Design Appraisal Document LR26146618TA-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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