Certificate No: LR26231564TA
Issue Date: 22/05/2026
Expiry Date: 21/05/2031

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	**HD HYUNDAI HEAVY INDUSTRIES CO., LTD**
Address	1000, Bangeojinsunhwando-ro, Dong-gu, Ulsan, 44032, South Korea
Type	Internal Combustion Engines
Description	4-stroke, vertical, direct injection, single acting and trunk piston, diesel engine
Trade Name	HiMSEN H17/28
Application	Marine main propulsion and auxiliary power drives Suitable for operation with Marine Diesel Oil and Heavy Fuel Oil up to 700 cSt at 50 °C
Specified Standard	Part 5, Chapter 2 of Lloyd's Register's Rules and Regulations for the Classification of Ships (July 2025)
Ratings	Performance rating :-

Number of cylinders :	5/ 6/ 7/ 8 in-line		
	Normal	&	Higher rating
Rated power (brake) (kW/cyl) :	115/ 120	&	95/ 95/ 125/ 125
Engine speed (rpm) :	900/ 1000	&	720/ 750/ 900/ 1000
Maximum firing pressure (bar) :	170	&	180
Mean indicated pressure (bar) :	26.5/23.9	&	27.4/ 26.2/ 28.8/ 26.0

Other Conditions 1) Where the engine is intended to be supplied for a ship built or being built to

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Jong-Yong Ha
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A member of the Lloyd's Register group

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LR class, conditions of approval in paragraph 4 of LR's Machinery General Design Appraisal Document No. BTS/ENG/M260349 are be satisfied.
2) Type approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.
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.
4) (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: LR2007539TA

The Design Appraisal Document LR26231564TA-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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