HYUNDAI HEAVY INDUSTRIES | ENGINE & MACHINERY

Deep Change 새로운 100년! 미래를 향한 담대한 도전

TECHNICAL CIRCULAR

DOC No.: HHI-TEC-0437
Date : Jan 10, 2022

SUBJECT: REMOVAL OF STANDARD TUNING FOR WinGD DIESEL ENGINES

TYPE: HYUNDAI-WinGD DIESEL ENGINES

DISTRIBUTION

☑ Ship yard	☑ Ship owner

Date	TEC No.	Design	Check	Approve	Change	R
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WinGD has decided to remove the option of standard tuning for all diesel engines because other tunings which are optimized for part load operation are preferred by customers.
Hence, the following tunings are currently available for all WinGD diesel engines and the below table gives an overview of the engine tuning.

- Available engine tuning : Delta, Delta Bypass, Low-Load tuning

Tuning	Description	Application
Delta Tuning	Part-load tuning	When ship operates most of the time between 75% and 90% engine load
Delta Bypass Tuning	Part-load tuning with increased steam power production	For increased steam production between 50 and 100% engine power
Low-Load Tuning	Lowest possible BSFC(Brake Specific Fuel Consumption) in the operating range of 40-70% engine load	When ship operates most of the time at less than 75% engine load

The standard tuning will be removed from the GTD (Version 2.16.0.0) which is scheduled for release at the end of January 2022.
Relevant document including engine booklet, Marine Installation Manual (MIM), etc. will be updated and the Delta tuning will be used as the default choice in WinGD documentation.

We hope the information will do you a valuable service.

[The end]

Yours sincerely,

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