Certificate No: LR21150263TA
Issue Date: 20/04/2021
Expiry Date: 12/04/2026

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 **MTU Friedrichshafen GmbH**

Address Maybachplatz 1, Friedrichshafen, 88045, Germany

Type Exhaust Gas Systems

Description Exhaust Gas Turbocharger

Trade Name ZR1.130.I & ZR1.135.I

Application As exhaust turbochargers for MTU engines series 2000 Mx6

Specified Standard Lloyd's Register Rules and Regulations for the Classification of Ships, 2020

Ratings

	Turbine Wheel Dia. [mm]	Compressor Wheel Dia. [mm]	Speed [rpm]	Exhaust Gas Temperature [°C]
ZR1.130.I	114	130 AL	88.000	800
ZR1.135.I	118	135 AL	84.500	700

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Olaf Schmidt

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

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

Previous Version: 16/20034

The Design Appraisal Document HTS/ENS 34269-16, Issue No. 1 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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