



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. FAB041525XG

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Castings
<i>Type</i>	Castings in Grey and Nodular Graphite Cast Iron (Maximum weight: 120 tonnes
<i>Applicant</i>	MAN Energy Solutions SE STADTBACHSTRASSE 1 86153 Augsburg GERMANY
<i>Manufacturer</i>	MAN Energy Solutions SE
<i>Place of manufacture</i>	Department PEQAI Stadtbachstraße 1 86153 Augsburg GERMANY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials
<i>Reference documents</i>	RINA Rules

Issued in **RINA Hamburg Marine** on **February 11, 2025**. *This Certificate is valid until* **February 28, 2030**



Ogechukwa Ozofo



RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



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Enclosure - Page 1 of 1

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APPROVAL CONDITIONS

General conditions for the approval

- The approval is granted on condition that RINA Rules for the approval, manufacture, testing and certification of materials are complied with.**
- RINA is to be notified of any change of materials, manufacturing process, quality control routines and other changes that may affect the validity of this certificate.**
- Production related welding may be carried out on the conditions of this approval and the documents submitted during the audit.**

**RINA Hamburg Marine February 11,
2025**



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