



Approval No. ST532CF

Certificate No. TA2247E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

MAN Energy Solutions SE

Stadtbachstrasse 1, 86153 Augsburg, Germany

has been approved for the manufacturing process of undermentioned materials by the NIPPON KAIJI KYOKAI in accordance with the requirements of 1.2, Part K of the Society's "Rules for the Survey and Construction of Steel Ships" and Chapter 3, Part 1 of the Society's "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

MATERIALS : Gray Irons
Spheroidal Graphite Irons


PROCESS : Casting / Heat Treatment

The products for the ships classed with the Society are to be manufactured, tested and inspected in compliance with the Rules.

This certificate is valid from 11 January 2022 until 10 January 2027.

Issued at Tokyo on 11 January 2022.




Y. Takao
General Manager
Material and Equipment Department