



CERTIFICATE NUMBER
FDRY-T2046357

ISSUING OFFICE
Rotterdam Materials Eng

CERTIFICATE OF FOUNDRY FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of

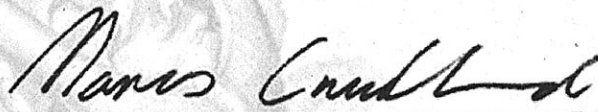
MAN ENERGY SOLUTIONS SE

DEPT. PEQAIS, D-86153 AUGSBURG, Germany

attend its facilities as indicated in the ABS Hamburg Port office survey report number 4477676 dated 13 October 2020 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Cast Iron Casting components for marine applications

in accordance with the ABS Approval letter (Reference T2046357), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 22 September 2025 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.



Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 13 October 2020

EXPIRY DATE: 22 September 2025

FIRST ANNUAL
ENDORSEMENT:

2021-10-12

SECOND ANNUAL
ENDORSEMENT:

THIRD ANNUAL
ENDORSEMENT:

FOURTH ANNUAL
ENDORSEMENT:



NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, Guides, standards or other criteria of ABS as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a full description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of ABS who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.