



CERTIFICATE NUMBER
FDRY-T1903679

ISSUING OFFICE
London Ship Eng - Materials

CERTIFICATE OF FOUNDRY FACILITY AND PROCESS APPROVAL

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

HEGER GUSS GMBH

DONNERSBERGSTR. 48, D-67677 ENKENBACH-ALSENBORN,
Germany

attend its facilities as indicated in the ABS Hamburg Port port office survey report number 3595093 dated 05 December 2018 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 T1903679), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 04 December 2023 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

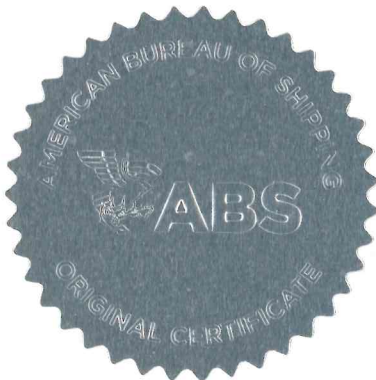
ISSUE DATE: 05 December 2018
EXPIRY DATE: 04 December 2023

FIRST ANNUAL ENDORSEMENT: 02 Nov. 2019

SECOND ANNUAL ENDORSEMENT: 02 Dec. 2020

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. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-AS/ 5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

ABS98(0110)