



**Work Order – WO0070895
Foundry Approval – Renewal
Certificate No: FDRY-0070895**

Attention: HEGERFERRIT GMBH (WCN: 428184)

The documents shown in the attached list are reviewed or filed for reference in accordance with the applicable requirements of the following and the facility is considered approved to manufacture castings for machinery components as outlined in the process/product approval.

- ABS Rules for Materials and Welding, Part 2 (2024)

Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request annual endorsement survey or renewal of approval prior to the five-year expiry date.

Refer to attachments, Process/Product Approval, Manufacturer Approval Certificate (FDRY-0070895).

For any clarifications, contact James Oehrle at +1-281-877-6148, joehrle@eagle.org.

Very truly yours,

Gareth Burton
Senior Vice President of Engineering

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Client Letter	-	Confirmation HegerFerrit 11.07.2024	Reviewed
Production Records	-	Production Records	Reviewed
DE012219-1	-	ISO 9001:2015	Filed by ABS for Reference Only
Actions Wabtec HegerFerrit	-	Non-conformance Record	Filed by ABS for Reference Only

Electronic copies of the documents, appropriately stamped, are available in the ABS Client Portal.

Process/Product Approval

Certificate No. FDRY-0070895

Grade	Non-ABS Grades: - Grey & Ductile Cast Iron
Melting Practice	Induction Furnace
Casting Practice	Sand Casting
Maximum Weight	28,000 kg
Maximum Thickness	3,500 mm
Heat treatment facility	N/A
Application Examples	Diesel Engine Crank Cases, Machinery Castings

Note: Weld repairs and PWHT, if applicable, to ABS certified castings are to be approved prior to commencing the repair.



CERTIFICATE NUMBER
FDY-0070895

ISSUING OFFICE
Houston Materials

CERTIFICATE OF FOUNDRY FACILITY AND PROCESS APPROVAL

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

HEGERFERRIT GMBH

JUNKERS-STRABE 4, D- 67681 SEMBACH, Germany

attend its facilities as indicated in the ABS Hamburg Port port office survey report number 6364721 dated 30 April 2024 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 WO0070895), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 29 April 2029 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 30 April 2024

EXPIRY DATE: 29 April 2029

FIRST ANNUAL
ENDORSEMENT:

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.