



CERTIFICATE NUMBER
FDRY-T2417875

ISSUING OFFICE
Houston Materials

CERTIFICATE OF FOUNDRY FACILITY AND PROCESS APPROVAL

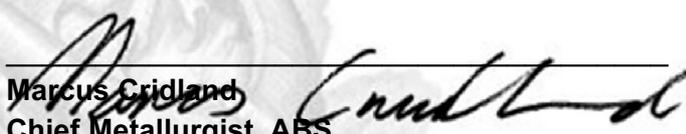
This is to certify that a representative of ABS did, at the request of

BUDERUS EDELSTAHL GMBH
DILLFELD 40, 35576 WETZLAR, Germany

attend its facilities as indicated in the ABS Hamburg Port port office survey report number 5893959 dated 13 June 2023 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Stainless Steel Casting and Steel Casting components for marine applications

in accordance with the ABS Approval letter (Reference T2417875), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 04 July 2028 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.



Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 13 June 2023

EXPIRY DATE: 04 July 2028

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.



Task – T2417875
Foundry Facility Approval – Renewal
Certificate No. FDRY-T2417875

Attention: Mr. Steffen Krahl, Buderus Edelstahl GmbH (WCN: 988420)

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 hull/machinery components as outlined in the process/product approval.

1. ABS Rules for Materials and Welding, Part 2 (2023)

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.

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

Very truly yours,
Wei-Biao (Bill) Shi
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Correspondence	-	Request for Approval	Correspondence
Statement no changes Foundry	-	Client Letter	Reviewed
diagrams statistical data	-	Statistical Production Report	Reviewed
Certificate ID# 10367805	-	ISO 9001:2015	Filed by ABS for Reference Only
PO 45604749_Signed Application Fdry and RB	-	Supporting Information	Filed by ABS for Reference Only

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

Process/Product Approval

Grade	: Non-ABS: Carbon, Low & Medium Alloy Steels, Austenitic Stainless Steels
Melting Practice	: Electric Arc Furnace
Casting Practice	: Ingot Casting
Maximum Weight	: 190,000 kg
Maximum Thickness / Diameter	: 2,800 mm
Heat treatment facility	: In-house
Application Examples	: Rectangular, Polygonal & Octagonal Ingots

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

Include: Manufacturer Approval Certificate (FDRY-T2417875)