



CERTIFICATE NUMBER
FDRY-T2469296
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

SILBITZ GUSS GMBH

DR.-MARSCHKY-STR. 2, D-07613 SILBITZ, Germany

attend its facilities as indicated in the ABS Hamburg Port port office survey report number 6090940 dated 24 October 2023 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Steel Casting and Cast Iron Casting and Stainless Steel Casting and Other components for marine applications

in accordance with the ABS Approval letter (Reference T2469296), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 21 November 2028 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 24 October 2023
EXPIRY DATE: 21 November 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 – T2469296
Foundry Facility Approval – Renewal
Certificate No. FDRY-T2469296

Attention: Christian Schuetze, Silbitz Guss GmbH (WCN: 038796)

Revised 28-Nov-2023. *Supersedes Letter dated 14-Nov-2023 under Task T2469296.*

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.

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
ABS Renewal Form	-	Client Letter	Reviewed
Inspection Certificates (2019 – 2023)	-	MTRs	Filed by ABS for Reference Only
Cert Reg #01 100 4127	-	ISO 9001:2015	Filed by ABS for Reference Only
Certified Welding Procedures	-	Certified Welding Procedures	Filed by ABS for Reference Only
FDRY-T1830118	-	Previous ABS Foundry Approval Certificates	Filed by ABS for Reference Only
PO 23SD0065_Signed Application	-	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, C-Mn. Low & High Alloys Steels, Duplex and Super Duplex Stainless Steels, Spheroidal, Grey and Vermicular Cast Irons, Austenitic Cast Irons, Austempered Ductile Iron (ADI), Nickel Based Alloys
Melting Practice	: Electric Arc Furnace, Induction Furnace
Casting Practice	: Sand Casting / Ingot Casting
Maximum Weight	: 10,000 kg
Maximum Thickness / Diameter	: 600 mm
Heat treatment facility	: In-house
Application Examples	: Pumps, Valves, Turbine Castings, Offshore/Wind Energy equipment, Blades, Planet Carriers, Pistons and Cylinder Heads, Gearboxes, Axles, Bearing Housings, Wheel Bodies, Ingots, etc.

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-T2469296)