



CERTIFICATE NUMBER
FOR-T2259026

ISSUING OFFICE
Houston Materials

CERTIFICATE OF FORGING FACILITY AND PROCESS APPROVAL

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

ZDAS, A.S.

STROJIRENSKA 675/6, ZDAR NAD SAZAVOU

1, ZDAR NAD SAZAVOU, Czechia, 591 01

attend its facilities as indicated in the ABS Pilsen Port port office survey report number 5241045 dated 18 April 2022 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Stainless Steel Forging and Steel Forging components for marine applications

in accordance with the ABS Approval letter (Reference T2259026), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 28 December 2026 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 18 April 2022

EXPIRY DATE: 28 December 2026

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 – T2240359, T2259026
Forge Facility Approval – Renewal
Certificate No. FOR-T2259026

Attention: Mr. Jaromir Pospisil, ZDAS a.s. (WCN: 021098)

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

1. ABS Rules for Materials and Welding, Part 2 (2022)

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 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
No Change Confirmation	-	Client Letter	Reviewed
Statistical Data	-	Histogram 2016-2021	Reviewed
Cert. Reg. No. 44 100 934025	-	ISO 9001:2015	Filed by ABS for Reference Only
FOR-T1574181		Certificates	Filed by ABS for Reference Only
Signed Application	-	Supporting Information	Filed by ABS for Reference Only

An electronic copy of the documents appropriately stamped will be returned by FTP/e-mail.

Process/Product Approval

Grade	: Non-ABS: - Carbon, Carbon-Manganese, Low, Medium & High Alloy Steels - Austenitic, Martensitic, Ferritic, Superferritic & Duplex Stainless Steels
Melting Practice	: ABS Approved Sources
Casting Practice	: ABS Approved Sources
Manufacturing Process	: Open Die Forging
Maximum Weight	: 15,000 kg
Maximum Thickness/Diameter	: 8,500 mm
Heat Treatment Facility	: In-House
Product Examples	: Shaft, Wheel, Connecting Rod, Piston Crown

Note: Weld repair is generally not permitted, unless specially approved by the ABS Engineering Office.

Include: Manufacturer Approval Certificate (FOR-T2259026)