



CERTIFICATE NUMBER
STML-T2123292
ISSUING OFFICE
Houston Materials

CERTIFICATE OF STEEL MILLS FACILITY AND PROCESS APPROVAL

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

EREGLI DEMIR VE CELIK FAB. T.A.S.

KDZ. EREGLI, ZONGULDAK, Turkey

attend its facilities as indicated in the ABS City Istanbul Port port office survey report number 4639861 dated 22 March 2021 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Plate components for marine applications

in accordance with the ABS Approval letter (Reference T2123292), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 14 March 2026 subject to adherence to relevant ABS Rules and Survey requirements.



Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 22 March 2021
EXPIRY DATE: 14 March 2026

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 – T2123292
Steel Mill Approval - Renewal
Certificate No. STML- T2123292

Attention: Mr. Ibrahim Dumbek, Eregli Demir ve Celik Fabrikalari T.A.S. (WCN 073081)

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 products for hull application as outlined in the process/product approval.

1. ABS Rules for Materials and Welding Part 2 (2021)

Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request 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 |
|---------------------------|----------|-----------------------------------|---------------------------------|
| No change Confirmation | - | Client Letter | Reviewed |
| Statistical Data | - | Statistical Data | Reviewed |
| Asbestos Free Declaration | - | Declaration of Conformity | Reviewed |
| ISO 9001 | - | Cert. No. KY-583-03/KY-97/09-R-15 | Filed by ABS for Reference Only |

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

Process/Product Approval

| Product | Grade | Thickness | Fine Grain Practice | Casting Practice | Delivery condition |
|---|------------------------|-----------|---------------------|------------------|--------------------|
| Approvals | | | | | |
| Plate | ABS - A*/B Z35 | 60 mm | Al | CC | AR |
| Steel Making Practice: BOF | | | | | |
| Deoxidation Practice: Si-Al Killed | | | | | |
| Plate from Coil | ABS - A*/B | 15 mm | Al | CC | CR |
| Plate from Coil | ABS – D | 8 mm | Al | CC | CR |
| Plate from Coil | ABS – D*/E | 15 mm | Al | CC | N |
| Plate from Coil | ABS - AH32*/36 | 15 mm | Al+Nb | CC | CR |
| Plate from Coil | ABS - DH32*/36 | 8 mm | Al+Nb | CC | CR |
| Plate from Coil | ABS – DH*/EH*/FH32*/36 | 15 mm | Al+Nb | CC | N |
| Plate | ABS – D | 8 mm | Al | CC | CR |
| Plate | ABS – D*/E Z35 | 60 mm | Al | CC | N |
| Plate | ABS - AH32*/36 Z35 | 60 mm | Al+Nb | CC | CR |
| Plate | ABS - DH32*/36 | 8 mm | Al+Nb | CC | CR |

| Product | Grade | Thickness | Fine Grain Practice | Casting Practice | Delivery condition |
|--|-------------------------------|-----------|---------------------|------------------|--------------------|
| Plate | ABS – DH*/EH*/FH32*/36 Z35 | 60 mm | Al+Nb | CC | N |
| Steel Making Practice: BOF Deoxidation Practice: Si-Al Killed Heat treatment Facility: In-House | | | | | |

Include: Certificate (STML-T2123292)