



CERTIFICATE NUMBER
STML-T2106083

ISSUING OFFICE
Rotterdam Materials Eng

CERTIFICATE OF STEEL MILLS FACILITY AND PROCESS APPROVAL

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

PJSC AZOVSTAL IRON & STEEL WORKS

1 LEPORSKY STREET, MARIUPOL, Ukraine, 87000

attend its facilities as indicated in the ABS City Kiev Port (UAH) port office survey report number 4632891 dated 18 March 2021 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Semi-finished product and Plate components for marine applications

in accordance with the ABS Approval letter (Reference T2106083), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 05 April 2026 subject to adherence to relevant ABS Rules and Survey requirements.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 18 March 2021

EXPIRY DATE: 05 April 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 – T2106083
Steel Mill Approval - Renewal
Certificate No. STML- T2106083 and
QA- 4632891

Attention: V. Repkin, PJSC Azovstal Iron & Steel Works (249129)

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 periodic, annual QA audits and renewal of approval prior to the five year expiry date.

For any clarifications, contact Nikolaos Vrellos at +31 6827 49049, or nvrellos@eagle.org.

Very truly yours,

Wei-Biao (Bill) Shi
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
05-66	-	Note on Claims and Reclamations	Reviewed
Statistical Data	-	ABS Products 2016-2021	Reviewed
No changes Statement	-	Client Letter	Filed by ABS for Reference Only
ISO 9001	-	Supporting Information	Filed by ABS for Reference Only
QMSM-2021-3-15-10-7-28-871	-	Quality Management Manual	Reviewed
MTR	-	Supporting Information	Filed by ABS for Reference Only
Statement Confirmation	-	No Changes	Filed by ABS for Reference Only
Chemical Statistics	-	Material Stats	Reviewed

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
Plates	ABS – A*/B*/D	40 mm	Al treated	CC	Control Rolled (CR)
Plates	ABS – AH*/DH 32*/36	40 mm	(Al+Nb)/(Al+Nb+V) treated	CC	Control Rolled (CR)
Plates	ABS – AH*/DH 32	20 mm	Al treated	CC	Control Rolled (CR)
Plates	ABS – A*/B	51 mm	Al treated	CC	As Rolled (AR)
Plates	ABS – A*/B*/D	20 mm	(Al+Nb) treated	CC	Control Rolled (CR)
Plates	ABS – A*/B*/D*/E	40 mm	Al treated		Normalized (N)
Plates	ABS – AH*/DH*/EH 32*/36 Z35	51 mm	(Al+Nb)/(Al+Nb+V) treated	CC	Normalized (N)
Semi-finished product - Slabs	ABS – AH*/DH*/EH 32/36 Z35	270 mm	Al/(Al+Nb)/(Al+Nb+V) treated	CC	NA
Semi-finished product - Slabs	ABS – A*/B*/D*/E	270 mm	Al/(Al+Nb)/(Al+Nb+V) treated	CC	NA
Steel Making Practice: BOF Deoxidation Practice: Al Killed Heat treatment Facility: In-house					

* Approval of these grades is based on qualification tests carried out on the higher grade.

Include: Manufacturer Approval Certificates (STML- T2106083 and QA-4632891)