



CERTIFICATE NUMBER

STML-T1830130

ISSUING OFFICE

London Ship Eng - Materials

CERTIFICATE OF STEEL MILLS FACILITY AND PROCESS APPROVAL

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

LIBERTY GALATI SA

NO. 1 SMIRDAN STREET, GALATI, Romania, 800698

attend its facilities as indicated in the ABS City Constantza Port port office survey report number 3577210 dated 31 October 2018 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 T1830130), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 14 November 2023 subject to adherence to relevant ABS Rules and Survey requirements.



Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 31 October 2018

EXPIRY DATE: 14 November 2023

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 standard. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in the certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1:AS/59 Terms and Conditions of the Request for Product Type Approval and Agreement (3303).

ABS000101



Documents List

Drawing No.	Rev. No.	Title	Status
ABS STEEL MILL RENEWAL	-	Steel Mill Renewal Requirements	Reviewed
Certificat ISO 9001_Appendix3	-	Certificate of Approval	Filed by ABS for Reference Only
Correspondence	-	ABS Request Form	Correspondence
Certificates	-	Material Stats	Filed by ABS for Reference Only Reviewed

Electronic copies of the documents, appropriately stamped are available through the ABS Eagle Construct Engineering Manager (O2E), Web portal.

Process/Product Approval

Product	Grade	Thickness	Fine Grain Practice	Casting Practice	Delivery condition
Plates	ABS - A*/B	60 mm	Al treated	CC	As Rolled(AR)
Plates/ Sheets	ABS - A*/B*/D	60 mm/ 2-12 mm	Al treated	CC	Control Rolled(CR)
Plates	ABS - A*/B*/D Z35	60 mm	Al treated	CC	Control Rolled(CR)
Plates/ Sheets	ABS - A*/B*/D*/E	60 mm 2-12 mm	Al treated	CC	Normalized
Plates	ABS - A*/B*/D*/E Z35	60 mm	Al treated	CC	Normalized
Steel Making Practice: BOF Deoxidation Practice: Aluminium & Silicon Killed Heat treatment Facility: In-house					
Plates/ Sheets	ABS - AH*/DH 32*/36	60 mm/ 2-12 mm	Al treated	CC	Control Rolled(CR)
Plates/ Sheets	ABS - AH*/DH*/EH 32*/36	60 mm/ 2-12 mm	Al treated	CC	Normalized
Steel Making Practice: BOF Deoxidation Practice: Al+Ti+V+Nb Heat treatment Facility: In-house					



Plates	ABS - AH*/DH 32*/36 Z35	60 mm	Al+Ti+V+Nb	CC	Control Rolle d(CR)
Plates	ABS - AH*/DH*/EH 32*/36 Z35	60 mm	Al+V+Nb+Ti	CC	Normalized
Steel Making Practice: BOF Deoxidation Practice: Aluminium & Silicon Killed Heat treatment Facility: In-house					

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