



CERTIFICATE NUMBER
STML-T2134781-1

ISSUING OFFICE
GCD Materials

CERTIFICATE OF STEEL MILLS FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of
SHANXI TAIGANG STAINLESS STEEL CO., LTD
NO. 2 JIANCAOPING, China, 030003

attend its facilities as indicated in the ABS City CN Qingdao Branch Port port office survey report number 4764909 dated 14 May 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 T2160007), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 23 May 2026 subject to adherence to relevant ABS Rules and Survey requirements.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 14 May 2021
EXPIRY DATE: 23 May 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 – T2160007
Steel Mill Approval - Extension
Certificate No. STML-T2134781-1

Attention: Mr. Yuan Gang, SHANXI TAIGANG STAINLESS STEEL CO., LTD (WCN 209107)

The documents shown in the attached list are reviewed in accordance with the applicable requirement 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)
2. ABS Guide for Materials and Welding for Stainless Steels (April 2019)
3. ASTM A240/A240M-20a

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 Ms. Lin Li-Hong at +86-21-23270994, llin@eagle.org.

Very truly yours,

Wei-Biao (Bill) Shi
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Application Document	N/A	Manufacturing Process	Reviewed
Test Plan	N/A	Test Items, Sample Location	Reviewed
Test Report	N/A	Chemistry, Mechanical Properties, Metallurgical, Corrosion, etc.	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
Extension of Approval					
Strip	Non-ABS – ASTM A240 304	6 mm	N/A	CC	Solution Treated
Strip	Non-ABS – ASTM A240 304L	6 mm	N/A	CC	Solution Treated
Strip	Non-ABS – ASTM A240 316	6 mm	N/A	CC	Solution Treated
Strip	Non-ABS – ASTM A240 316L	6 mm	N/A	CC	Solution Treated
Steel Making Practice: EAF+AOD Deoxidation Practice: Fully Killed Heat treatment Facility: In-house					
Previously Approved Products					
Plate from Coil	ABS – A*/B*/D	24 mm	Al Treated	CC	Control Rolled
Plate from Coil	ABS – AH*/DH 32*/36	24 mm	(Al+Nb+V) Treated	CC	Control Rolled
Steel Making Practice: BOF Deoxidation Practice: Si+Al Heat treatment Facility: In-house *Approval of these grades is based on qualification tests carried out on the higher grade.					

Product	Grade	Thickness	Fine Grain Practice	Casting Practice	Delivery condition
Plate	Non-ABS – ASTM A240 304	40 mm	N/A	CC	Solution Treated
Plate	Non-ABS – ASTM A240 304L	40 mm	N/A	CC	Solution Treated
Plate	Non-ABS – ASTM A240 316	40 mm	N/A	CC	Solution Treated
Plate	Non-ABS – ASTM A240 316L	40 mm	N/A	CC	Solution Treated
Plate	Non-ABS – ASTM A240 32101	40 mm	N/A	CC	Solution Treated
Plate	Non-ABS – ASTM A240 32304	40 mm	N/A	CC	Solution Treated
Plate	Non-ABS – ASTM A240 31803	40 mm	N/A	CC	Solution Treated
Steel Making Practice: EAF+AOD Deoxidation Practice: Fully Killed Heat treatment Facility: In-house					

Include: Manufacturer Approval Certificate (STML-T2134781-1)