



CERTIFICATE NUMBER

STML-T2346136

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

POSCO (ZHANGJIAGANG) STAINLESS STEEL CO.,LTD

DAXIN RIVERSIDE ROAD, ZHANGJIAGANG, China, 215636

attend its facilities as indicated in the ABS City CN GZ Nantong Port port office survey report number 5493792 dated 14 December 2022 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 T2346136), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 24 October 2027 subject to adherence to relevant ABS Rules and Survey requirements.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 14 December 2022

EXPIRY DATE: 24 October 2027

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.

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Task – T2346136
Steel Mill Approval – Renewal
Certificate No. STML-T2346136

Attention: Ms. Li-Li Jiang, POSCO (Zhangjiagang) Stainless Steel Co., Ltd. (WCN: 438514)

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 (2023)
2. ABS Requirements for Materials and Welding for Stainless Steels (2020)
3. ASTM A240/A240M-22a

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

ABS Global Engineering
ABS Plaza, 1701 City Plaza Drive | Spring | TX 77389 USA



Documents List

Drawing No.	Rev. No.	Title	Status
Correspondence	-	email on 14 Dec 2022	Correspondence
Declaration of Conformity	-	Client Letter	Reviewed
No NC product	-	Client Letter	Reviewed
statistical data	-	statistical data	Reviewed
Cert. No. 10299331	-	ISO 9001:2015	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 ¹	Casting Practice ¹	Delivery condition ¹
Approved Grades					
Cold Rolled Coil	ABS & Non-ABS – ASTM A240: 304	2.92 mm	Nb, EMS	CC	ST
Cold Rolled Coil	ABS & Non-ABS – ASTM A240: 316/316L	2.92 mm	Nb, EMS	CC	ST
Plate from Cold Rolled Coil	ABS & Non-ABS – ASTM A240: 304	2.98 mm	Nb, EMS	CC	ST
Plate from Cold Rolled Coil	ABS & Non-ABS – ASTM A240: 316/316L	2.92 mm	Nb, EMS	CC	ST
Steel Making Practice¹: EAF + AOD + LF Deoxidation Practice: Si-Al Killed Heat treatment Facility: In-House					
Hot Rolled Coil	ABS & Non-ABS – ASTM A240: 304, 304L, 316L, 321	15.5 mm	Nb, EMS	CC	ST
Hot Rolled Coil	ABS & Non-ABS – ASTM A240: 2205	9.8 mm	Nb, EMS	CC	ST



Product	Grade	Thickness	Fine Grain Practice ¹	Casting Practice ¹	Delivery condition ¹
Plate from Hot Rolled Coil	ABS & Non-ABS – ASTM A240: 304, 304L, 316L, 321	15.5 mm	Nb, EMS	CC	ST
Plate from Hot Rolled Coil	ABS & Non-ABS – ASTM A240: 2205	9.8 mm	Nb, EMS	CC	ST
Steel Making Practice¹: EAF + AOD + LF Deoxidation Practice: Si-Al Killed Heat treatment Facility: In-House					
Plate	ABS & Non-ABS – ASTM A240: 304, 304L, 316L, 321	80 mm	Nb, EMS	CC	ST
Steel Making Practice¹: EAF + AOD + LF Deoxidation Practice: Si-Al Killed Heat treatment Facility: Kunshan Dae Kyung Stainless Steel Co., Ltd. (WCN: 574584)					

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

Note 1:

- a. CC: Continuous Casting
- b. ST: Solution Treated
- c. EMS: Electromagnetic Stirring
- d. EAF: Electric Arc Furnace
- e. AOD: Argon Oxygen Decarburization
- f. LF: Ladle Furnace

Include: Certificate (STML-T2346136)

