



CERTIFICATE NUMBER  
STML-T1687611-1

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

**POSCO (ZHANGJIAGANG) STAINLESS STEEL CO.,LTD**

DAXIN RIVERSIDE ROAD, ZHANGJIAGANG, China, 215636

attend its facilities as indicated in the ABS City CN Nantong Port (MLO) port office survey report number 3238977 dated 25 October 2017 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 T2185802), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 24 October 2022 subject to adherence to relevant ABS Rules and Survey requirements.

**Marcus Cridland**  
**Chief Metallurgist, ABS**

ISSUE DATE: 25 October 2017  
EXPIRY DATE: 24 October 2022

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 – T1759022 & T2185802**  
**Steel Mill Approval - Extension**  
**Certificate No. STML-T1687611-1**

Attention: Ms. Jiang Li-Li, POSCO (ZHANGJIAGANG) STAINLESS STEEL CO., LTD (WCN 438514)

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](mailto: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
Test Program_Final	N/A	Testing Items, Test Scheme	Reviewed
304 Test Report	N/A	Chemistry, Mechanical, Corrosion, Weldability	Reviewed
316L Test Report	N/A	Chemistry, Mechanical, Corrosion, Weldability	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
<b>Extension of Approval</b>					
Cold Rolled Coil	ASTM A240 304	2.92 mm	Nb, EMS*	Continuous Cast	Solution Treated
Cold Rolled Coil	ASTM A240 316/316L	2.92 mm	Nb, EMS*	Continuous Cast	Solution Treated
Plate from Cold Rolled Coil	ASTM A240 304	2.98 mm	Nb, EMS*	Continuous Cast	Solution Treated
Plate from Cold Rolled Coil	ASTM A240 316/316L	2.92 mm	Nb, EMS*	Continuous Cast	Solution Treated
<b>Steel Making Practice:</b> EAF + AOD + LF <b>Deoxidation Practice:</b> (Al+Si) Killed <b>Heat treatment Facility:</b> In-house					
<b>Previously Approved Products</b>					
Plate	ASTM A240 304, 304L, 316L, 321	80 mm	Nb, EMS*	Continuous Cast	Solution Treated
<b>Steel Making Practice:</b> EAF + AOD + LF <b>Deoxidation Practice:</b> (Al+Si) Killed <b>Heat treatment Facility:</b> Subcontracted by Kunshan Dae Kyung Stainless Steel Co., Ltd. (WCN 574584)					
Coil	ASTM A240 304, 304L, 316L, 321	15.5 mm	Nb, EMS*	Continuous Cast	Solution Treated
Coil	ASTM A240 2205	9.8 mm	Nb, EMS*	Continuous Cast	Solution Treated
Plate from Hot Rolled Coil	ASTM A240 304, 304L, 316L, 321	15.5 mm	Nb, EMS*	Continuous Cast	Solution Treated
<b>Steel Making Practice:</b> EAF + AOD + LF <b>Deoxidation Practice:</b> (Al+Si) Killed <b>Heat treatment Facility:</b> In-house					

Note\*: EMS – Electromagnetic Stirring

Include: Manufacturer Approval Certificate (STML-T1687611-1)