



CERTIFICATE NUMBER
STML-T1862334

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

OUTOKUMPU STAINLESS AB

QPE/670, DEGERFORS, Sweden, SE 693 81

attend its facilities as indicated in the ABS City Gothenburg Port port office survey report number 3640024 dated 13 March 2019 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 T1862334), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 12 March 2024 subject to adherence to relevant ABS Rules and Survey requirements.



Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 13 March 2019
EXPIRY DATE: 12 March 2024

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 committee, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-AS/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2110).

ABS08(0110)



Task - T1862334
Steel Mill Approval - Renewal
Certificate No. STML- T1862334

Attention: Mrs. Maria Granath, OUTOKUMPU STAINLESS AB Sweden (WCN 155764)

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 (2019)

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 Satya Meruva at +44 207 377 4499, 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
Certification and Stats	-	Accreditation & Statistics	Filed by ABS for Reference Only
Correspondence	-	Correspondence	Correspondence
Correspondence	-	Approval request	Correspondence
ISO Certificate	-	ISO 9001	Filed by ABS for Reference Only
ABS Renewal application 2018 rev 1	-	ABS Requirements	Reviewed
Certificates		Material Statistics	Filed by ABS for Reference Only

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	Austenitic Stainless Steel 304/304L/316/316L	50 mm	-	CC	Solution Annealed
Plates	Duplex Stainless Steel S31803/ S32205/ S32304	50 mm	-	CC	Solution Annealed
Steel Making Practice: EAF + AOD Deoxidation Practice: AOD Heat treatment Facility: In-house					