



CERTIFICATE NUMBER
STML-0232919

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

KOREA STEEL CO.,LTD. NOKSAN WORKS

84, NOKSANSANDAN 407-RO, BUSAN, Korea, Republic of

attend its facilities as indicated in the ABS City Busan Port port office survey report number 6922720 dated 26 March 2025 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Section components for marine applications

in accordance with the ABS Approval letter (Reference WO0232919), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 01 April 2030 subject to adherence to relevant ABS Rules and Survey requirements.

A handwritten signature in black ink, appearing to read 'Marcus Cridland', is written over a horizontal line.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 26 March 2025

EXPIRY DATE: 01 April 2030

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.



Work Order - WO0232919
Steel Mill Approval - Renewal
Certificate No. STML-0232919

Attention: KOREA STEEL CO.,LTD. NOKSAN WORKS (WCN: 550906)

The documents shown in the attached list are reviewed 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 (2025)

Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request an annual endorsement survey or renewal of approval prior to the five-year expiry date.

Refer to attachments, Process/Product Approval; Manufacturer Approval Certificate (STML-0232919).

For any clarifications, contact James Oehrle at JOehrle@eagle.org

Very truly yours,

Gareth Burton
Senior Vice President of Engineering

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
ABS A-gr	-	Process Capability	Reviewed
Information to be provided for Renewal of Approval	-	Particulars of Approval	Reviewed
ABS AH32	-	Process Capability	Reviewed
ABS AH36	-	Process Capability	Reviewed
QMS-0338	-	ISO 9001:2015	Filed by ABS for Reference Only

Electronic copies of the documents, appropriately stamped, are available in the ABS MyFreedom™ Client Portal.

Process/Product Approval

Certificate No. STML-0232920

Product	Grade	Thickness	Fine Grain Practice	Casting Practice ¹	Delivery condition ¹
Approved Grades					
Section (Round Bar)	ABS – A	65 mm	N/A	CC	AR
Section (Flat Bar)	ABS – A	30 mm	N/A	CC	AR
Section (Angle)	ABS – A	15 mm	N/A	CC	AR
Section (Flat Bar)	ABS – AH32*/36	30 mm	AI	CC	AR
Section (Angle / Channel)	ABS – AH*DH32*/36	15 mm	(AI+V)	CC	AR
Steel Making Practice¹: EAF Deoxidation Practice: Si-Al Killed Heat Treatment Facility: N/A Billet Supplier: Korea Steel Co., Ltd. (401855)					

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

Note 1:

- a. CC: Continuous Casting
- b. AR: As Rolled
- c. EAF: Electric Arc Furnace