



**Work Order - WO0329392
Steel Mill Approval - Renewal
Certificate No. STML-0329392**

Attention: TUNG HO STEEL ENTERPRISE CORP. (WCN: 581513)

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.

- 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-0329392).

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
10653978	-	ISO 9001:2015	Filed by ABS for Reference Only
2021 - 2025	-	Ship steel rolling production details	Reviewed
Client Letter	-	Declaration of production no change & no non-conformity product	Reviewed
STML-T2014438	-	Previous ABS Steel Mill Approval Certificate	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-0329392

Product	Grade	Thickness	Fine Grain Practice	Casting Practice ¹	Delivery condition ¹
Approved Grades					
Slab/Bloom/ Billet/Beam Blank	ABS – A*/B	220 mm	AI	CC	N/A
Slab	ABS – AH32*/36	220 mm	AI+V	CC	N/A
Slab	ABS – AH*/DH40	220 mm	AI+V	CC	N/A
Steel Making Practice¹: EAF					
Deoxidation Practice: Si-Al Killed					
Heat treatment Facility: N/A					
Section	ABS – A*/B	18 mm	AI	CC	CR
Section	ABS – AH*/DH40	28 mm	AI+V	CC	CR
Plate	ABS – A*/B	50 mm	AI	CC	CR
Plate	ABS – AH32*/36	50 mm	AI+V	CC	CR
Steel Making Practice¹: EAF					
Deoxidation Practice: Si-Al Killed					
Heat treatment Facility: In-house					

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

Note 1:

- CC: Continuous Casting
- CR: Control Rolled
- EAF: Electric Arc Furnace



CERTIFICATE NUMBER

STML-0329392

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

TUNG HO STEEL ENTERPRISE CORP.

NO.22, PINGDING, XIHU TOWNSHIP, Taiwan Region

attend its facilities as indicated in the ABS City Kaohsiung Port port office survey report number 7073739 dated 31 July 2025 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Semi-finished product and Plate and Section components for marine applications

in accordance with the ABS Approval letter (Reference WO0329392), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 06 August 2030 subject to adherence to relevant ABS Rules and Survey requirements.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 31 July 2025

EXPIRY DATE: 06 August 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.