



CERTIFICATE NUMBER
STML-T2014438

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
TUNG HO STEEL ENTERPRISE CORP.
NO.22, PINGDING, XIHU TOWNSHIP, Taiwan

attend its facilities as indicated in the ABS City Taipei Port port office survey report number 4311950 dated 19 June 2020 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

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

in accordance with the ABS Approval letter (Reference T2014438), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 06 August 2025 subject to adherence to relevant ABS Rules and Survey requirements.



Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 19 June 2020
EXPIRY DATE: 06 August 2025

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 – T2014438
Steel Mill Approval – Renewal
Certificate No. STML-T2014438

Attention: Mr. Kai Ching Deng, TUNG HO STEEL ENTERPRISE CORP. (WCN 581513)

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 (2020)

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.

Very truly yours,

Wei-Biao (Bill) Shi
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev No.	Title	Status
Asbestos-free Declaration	N/A	Asbestos-free Declaration	Filed by ABS for Reference Only
ISO Certificate	N/A	ISO Certificate	Filed by ABS for Reference Only
Manufacturer's Declaration of No Change	N/A	Manufacturer's Declaration of No Change	Reviewed
Statistical Data	N/A	Statistical Data	Reviewed

Electronic copies of the documents, appropriately stamped, are available in the ABS Client portal.

Process/Product Approval

Product	Grade	Thickness	Fine Grain Practice	Casting Practice	Delivery Condition
Semi-finished Product – Slab	ABS – AH32*/36	220mm	(Al+V) Treated	CC	N/A
Semi-finished Product – Slab	ABS – AH*/DH40	220mm	(Al+V) Treated	CC	N/A
Plate – Plate	ABS – AH32*/36	50mm	(Al+V) Treated	CC	CR
Section – Shape (H-Beam)	ABS – AH*/DH40	28mm	(Al+V) Treated	CC	CR
Section – Slab/Bloom/Billet /Beam Blank	ABS – A*/B	220mm	Al Treated	CC	N/A
Plate – Plate	ABS – A*/B	50mm	Al Treated	CC	CR
Section – Shape (H-Beam)	ABS – A*/B	18mm	Al Treated	CC	CR
Steel Making Practice: 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.