



CERTIFICATE NUMBER

ALML-T2148687

ISSUING OFFICE

GCD Materials

# CERTIFICATE OF ALUMINUM MILLS FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of

**C. S. ALUMINIUM CORPORATION**  
NO. 17, TUNG LIN ROAD, SIAOGANG DISTRICT,  
KAOHSIUNG, Taiwan, 81260

attend its facilities as indicated in the ABS City Kaohsiung Port port office survey report number 4832153 dated 25 June 2021 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 T2148687), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 28 March 2026 subject to adherence to relevant ABS Rules and Survey requirements.

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

ISSUE DATE: 25 June 2021

EXPIRY DATE: 28 March 2026

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 – T2148687**  
**Aluminum Mill Approval - Renewal**  
**Certificate No. ALML-T2148687**

Attention: Mr. Hung, Chi-Yang, C. S. ALUMINIUM CORPORATION (WCN 432498)

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 Aluminum alloys as outlined in the process/product approval.

1. ABS Rules for Materials and Welding Part 2 Chapter 5 (2021)

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
Application Form	N/A	Application Form	Filed by ABS for Reference Only
Declaration	N/A	Declaration of No Change	Reviewed
5083_5383 Statistics	N/A	5083_5383 Statistics for 5 Years	Reviewed
TW14_10713	N/A	ISO 9001 Certificate	Filed by ABS for Reference Only

An electronic copy of the documents appropriately stamped will be returned by FTP/e-mail.

Process/Product Approval

Product	Grade	Temper	Maximum Thickness	Billet Source
Plate	ABS – 5083	O, H112, H116, H321	50 mm	In-house
Plate	ABS – 5086	H321	8 mm	In-house
Plate	ABS – 5086	O, H112, H116	50 mm	In-house
Plate	ABS – 5383	O, H116, H321	50 mm	In-house
<b>Cast Practice:</b> Ingot Cast <b>Heat Treatment Facility:</b> In-house				

Include: Manufacturer Approval Certificate (ALML-T2148687)