



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM000007F**  
Revision No:  
**3**

This is to certify:

That

**C.S. Aluminium Corporation**  
No.17, Dong Lin Road, Siaogang District, Kaohsiung,  
Taiwan

is an approved manufacturer of  
**Wrought Aluminium and Aluminium Alloys**

in accordance with  
**DNV rules for classification – Ships**

and the following particulars:

<b>Application area</b>	<b>Wrought Aluminium Alloys</b>
<b>Products</b>	<b>Sheets, plates and coils</b>
<b>Grades</b>	<b>See page 2</b>
<b>Manufacturing method</b>	<b>Rolled</b>
<b>Max. thickness</b>	<b>See page 2</b>
<b>Heat treatment condition</b>	<b>See page 2</b>

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2022-11-24**

for **DNV**

This Certificate is valid until **2025-11-22**.

DNV local unit: **Kaohsiung**

Approval Engineer: **Christian Wildhagen**

**Thorsten Lohmann**  
**Head of Section**

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



## Particulars of the approval

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### Wrought aluminium alloys

Grade <sup>1)</sup>	Product	Max. thickness [mm]	Heat treatment condition
NV-5083	Plates, sheets	50	O, H111, H112, H116, H321
NV-5086	Plates, sheets	50	O, H111, H112, H116
NV-5383	Plates, sheets	50	O, H111, H116, H321
NV-5083	Coils	8	O, H111, H112, H116, H321

Remarks:

- <sup>1)</sup> Incl. equivalent grades in acc. to other standards