



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000034J

This is to certify:

That

Hydro Extrusion Spain, S.A.
Irustzun, Navarra,
Spain

is an approved manufacturer of
Wrought Aluminium and Aluminium Alloys

in accordance with

DNV rules for classification – Ships
DNV class programme – DNV-CP-0248 Wrought aluminium alloys

and the following particulars:

Application area	Wrought Aluminium Alloys
Products	Sections, Bars
Manufacturing method	Extruded
Max. section /wall thickness	See page 2
Heat treatment condition	See page 2

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 **2024-01-05**

This Certificate is valid until **2027-01-04**.

DNV local unit: **Area NB/CMC Iberia**

Approval Engineer: **Stefan Röhr**



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signature

Christian Wildhagen

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.



Form code: AM 311

Revision: 2022-12

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Particulars of the approval

Wrought aluminium alloys

Grade ^{1) 2)}	Manufacturing process	Product	Max. section / wall thickness [mm]	Heat treatment condition
NV 6082	Extruded	Section: open profiles	75	T4, T6
	Extruded	Section: closed profiles	14.5	T4, T6

Remarks:

- 1) Incl. equivalent grades in acc. to other standards
- 2) Thickness > 50 mm in acc. with relevant standard