

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000Z5
Revision No:
2

This is to certify:

That
HYDRO EXTRUSION BRASIL S/A
Santo André, SP, Brazil

is an approved manufacturer of
Wrought Aluminium and Aluminium Alloys

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Wrought Aluminium Alloys
Products	Sections
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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2019-12-16**

for **DNV GL**

This Certificate is valid until **2022-06-30**.

DNV GL local station: **Rio de Janeiro**

Approval Engineer: **Stefan Röhr**

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Thorsten Lohmann
Head of Section



Job Id: **263.11-003038-4**
Certificate No: **AMMM0000025**
Revision No: **2**

Particulars of the approval

Wrought aluminium alloys

Grade ¹⁾	Product	Max. section / wall thickness [mm]	Heat treatment condition
VL-5083	Section	24	H111
VL-6061	Section	24	T6
VL-6082	Section	24	T6

Remarks:

¹⁾ Incl. equivalent grades according to other standards