



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM0000217**  
Revision No:  
**3**

This is to certify:

That

**Constellium Extrusions Decín s.r.o.**  
Ústecká 751/37, Děčín 5-Rozbělesy, CZ-40502,  
Czech Republic

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:

<b>Application area</b>	<b>Wrought Aluminium Alloys</b>
<b>Products</b>	<b>Bars, Sections, Tubes</b>
<b>Manufacturing method</b>	<b>Extruded</b>
<b>Max. section /wall 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 **2024-05-30**

This Certificate is valid until **2027-06-30**.

DNV local unit: **Prague CMC**

Approval Engineer: **Andreas Koch**



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.



## Particulars of the approval

### Wrought aluminium alloys

Grade <sup>1)</sup>	Product	Max. thickness (mm)	Heat treatment condition
NV 5083	Tubes	12	O, H111
	Bars	10	
	Sections	7	
NV 6061	Sections	89 <sup>2)</sup>	T4/T6
	Bars	150 <sup>2)</sup>	
NV 6082	Tubes	10	T4/T6
	Sections	40	
	Sections, bars	150 <sup>2)</sup>	
	Tubes	4	T5

Remarks:

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