



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM000020F**  
Revision No:  
**1**

This is to certify:

That

**voestalpine Stahl Donawitz GmbH**  
**Kerpelystrasse 199, A-8700 Leoben,**  
**Austria**

is an approved manufacturer of  
**Steelmaking**

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

and the following particulars:

<b>Application area</b>	<b>Steelmaking</b>
<b>Product</b>	<b>Semi-finished products for rolling or forging stock (pre-rolled blooms/billets)</b>
<b>Steel type</b>	<b>Carbon, Carbon-Manganese, Alloy</b>
<b>Manufacturing method</b>	<b>Basic Oxygen Converter, Continuous Casting</b>
<b>Deoxidation</b>	<b>Killed</b>
<b>Max. thickness</b>	<b>See page 2</b>
<b>Heat treatment condition</b>	<b>As cast</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 **2021-04-20**

for **DNV**

This Certificate is valid until **2024-03-31**.

DNV local station: **Augsburg**

Approval Engineer: **Stefan Röhr**

**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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### Semi-finished products

Steel type	Product	Steel making <sup>1)</sup>	Max. Thickness [mm]	Heat treatment condition <sup>2)</sup>
Carbon, Carbon-Manganese	blooms	BOC, CC	440	AC
Carbon, Carbon-Manganese	billets	BOC, CC	190	AC
Alloy	blooms	BOC, CC	440	AC
Alloy	billets	BOC, CC	190	AC

Remarks:

- <sup>1)</sup> BOC: Basic Oxygen Converter; CC: Continuous Casting
- <sup>2)</sup> AC: As cast