



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:  
**AMMM00000AE**  
Revision No:  
**3**

## This is to certify:

that

**Acciaierie Valbruna S.p.A.**  
**Via Volta, 4, 39100 Bolzano,**  
**Italy**

is an approved manufacturer of  
**Steelmaking and Rolled Steel Products**

in accordance with

**DNV rules for classification – Ships**  
**DNV class programme – DNV-CP-0244 Rolled steel products – stainless steel**

and the following particulars:

<b>Application area</b>	<b>Steelmaking</b>
<b>Products</b>	<b>Rolled bars intended to be machined into components</b>
	<b>See page 2</b>
<b>Steel type</b>	<b>Austenitic stainless,</b>
	<b>Martensitic stainless,</b>
	<b>Austenitic-ferritic (Duplex) stainless,</b>
	<b>See page 2</b>
<b>Manufacturing method</b>	<b>Electric arc furnace,</b>
	<b>ingot or continuous casting</b>
<b>Max. diameter</b>	<b>73 mm</b>
<b>Heat treatment condition</b>	<b>See page 2</b>
<b>Additional approval conditions</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 **2025-12-17**

This Certificate is valid until **2028-12-31**.

DNV local unit: **Italy/Malta CMC**

Approval Engineer: **Christian Wildhagen**



for **DNV**

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

Stefan Röhr

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 USD 300 000.

## Particulars of the approval

Rolled round bars intended to be machined into components (e.g. as a substitute for forged bars) <sup>3) 4)</sup>

Steel type	Product	Steel making <sup>1)</sup>	Max. Thickness [mm]	Heat treatment condition <sup>2)</sup>
Austenitic stainless	Bar	EAF, CC or IC	73	SHT
Martensitic stainless	Bar	EAF, CC or IC	73	QT
22Cr duplex stainless	Bar	EAF, CC or IC	73	SHT
25Cr duplex stainless	Bar	EAF, CC or IC	73	SHT

Remarks:

- 1) EAF: electric arc furnace  
 CC: continuous casting  
 IC: ingot casting
- 2) SHT: solution heat treated (solution annealed)  
 QT: quenched and tempered
- 3) Minimum rolling reduction ratio 6:1
- 4) Sampling, inspection and testing requirements shall be according to Rules for ships Pt.2 Ch.2 Sec.6

Special conditions:

- Including low-temperature service for austenitic stainless steels