



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000RB
Revision No:
4

This is to certify:

That

Travi e Profilati di Pallanzeno S.p.A
Via A. Diaz, 248 - 25010 San Zeno Naviglio BS,
Italy

is an approved manufacturer of
Steelmaking

in accordance with
DNV rules for classification – Ships

and the following particulars:

Application area	Steelmaking
Products	Semi-finished products for rolling or forging stock (blooms/billets/round bars)
Steel type	Carbon and carbon-manganese, Alloy
Manufacturing method	Electric Arc Furnace, Continuous Casting
Deoxidation	Killed
Max. 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 **2022-05-31**

for **DNV**

This Certificate is valid until **2025-06-30**.

DNV local station: **Milan**

Approval Engineer: **Stefan Röhr**

Thorsten Lohmann
Head of Section

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Particulars of the approval

Semi-finished products

Steel type	Product	Steel making ¹⁾	Max. thickness [mm]	Heat treatment condition ²⁾
C and C-Mn	Billets, Blooms, Round bars	EAF, CC	200 mm (square billets), 280 mm (square blooms), 500 mm (round bars)	AC, AR
Alloy	Billets, Blooms, Round bars	EAF, CC	200 mm (square billets), 280 mm (square blooms), 500 mm (round bars)	AC, AR

Remarks:

- ¹⁾ EAF: Electric Arc Furnace; CC: Continuous Casting;
- ²⁾ AR: As rolled; AC As cast