



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001GE
Revision No:
3

This is to certify:

That

Acciaierie Bertoli Safau S.p.A.
Via Buttrio 28, Pozzuolo del Friuli (UD),
Italy

is an approved manufacturer of
Steelmaking

in accordance with

DNV rules for classification – Ships
DNV-OS-B101 – Metallic materials
DNV class programme – DNV-CP-0242 Semi-finished steel products

and the following particulars:

Application area	Steelmaking
Products	Semi-finished products for rolling or forging stock (ingots / blooms / billet)
Steel type	Carbon and carbon-manganese, Alloy
Manufacturing method	Electric arc furnace, Continuous casting / ingot casting
Deoxidation	Killed
Max. thickness	See page 2
Heat treatment condition	As cast

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 **2023-09-18**

for **DNV**

This Certificate is valid until **2026-09-30**.

DNV local unit: **Venice**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section

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Particulars of the approval

Semi-finished products

Steel type	Product	Steel making ¹⁾	Max weight [kg]	Max. thickness [mm]	Heat treatment condition ²⁾
C and C-Mn	Ingot	EAF, IC	100 000	-	AC
	Billet, Bloom	EAF, CC	-	850	AC
Alloy	Ingot	EAF, IC	100 000	-	AC
	Billet, Bloom	EAF, CC	-	850	AC

Remarks:

- 1) EAF: electric arc furnace
 CC: continuous casting
 IC: ingot casting
- 2) AC: as cast