

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001GE
Revision No:
2

This is to certify:

That

Acciaierie Bertoli Safau S.p.A.
Via Buttrio, 28 - Pozzuolo del Friuli 33050 - UDINE,
Italy

is an approved manufacturer of
Steelmaking

in accordance with
DNV GL rules for classification – Ships
DNVGL-OS-B101 – Metallic materials

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, Austenitic stainless
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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2020-09-22**

for **DNV GL**

This Certificate is valid until **2023-09-30**.

DNV GL local station: **Venice**

Approval Engineer: **Torben Schälicke**

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Thorsten Lohmann
Head of Section

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Job Id: **263.11-007670-2**
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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
Austenitic stainless	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