

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002EH
Revision No:
1

This is to certify:

That

ABS SISAK d.o.o.
Braće Kavurića, 12,
44 010 Sisak, Croatia

is an approved manufacturer of
Steelmaking

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Steelmaking
Products	Semi-finished products for forging and piping stock (blooms)
Steel type	Carbon and carbon-manganese, Alloy
Manufacturing method	Electric Arc furnace, Continuous casting
Deoxidation	Killed
Max. thickness	See page 2
Heat treatment condition	As cast
Additional approval conditions	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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2019-02-12**

for **DNV GL**

This Certificate is valid until **2021-12-31**.

DNV GL local station: **Rijeka**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section



Job Id: **263.11-004737-2**
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Particulars of the approval

Semi-finished products

Steel type	Product	Steel making ¹⁾	Max weight [kg]	Max. Thickness [mm]	Delivery condition ²⁾
C and C-Mn	Bloom	EAF, CC	-	410	AC
Alloy	Bloom	EAF, CC	-	410	AC

Remarks:

- 1) EAF: Electric arc furnace
CC: Continuous casting
- 2) AC: as cast
- 3) Certification of any material applied to classed object shall fulfill the applicable material requirements in the DNV GL class rules