

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM0000050
Revision No:
1

This is to certify:

That
TMK-RESITA SA
36, Traian Lalescu Street,
Resita, Caras-Severin, 320050,
Romania

is an approved manufacturer of
Steelmaking

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Steelmaking
Product	Semi-finished products (billets/bars)
Grade(s)	Carbon and carbon-manganese, Alloy
Manufacturing method	Electric arc furnace, Continuous casting
Deoxidation	Killed
Fine grain elements	Al
Max. thickness/diam.	See page 2
Delivery conditions	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 **2019-06-24**

for **DNV GL**

This Certificate is valid until **2022-06-30**.

DNV GL local station: **Galatz**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section



Job Id: **263.11-005246-2**
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Particulars of the approval

Semi-finished products

Steel type	Product	Steel making ¹⁾	Max. dimension [mm]	Heat treatment condition ²⁾
C and C-Mn	Round billet/bar	EAF, CC	Ø350	AC
Alloy				
C and C-Mn	Square billet/bar	EAF, CC	260 x 340	AC
Alloy				

Remarks:

- 1) BOC: basic oxygen converter
CC: continuous casting
- 2) AC: as cast