



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000025M
Revision No:
1

This is to certify:

That

TimkenSteel Corporation
1835 Dueber Ave SW Canton, Ohio,
USA

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 for rolling or forging stock (ingots/billets)
Steel type	Carbon and Carbon-Manganese, Alloy
Manufacturing method	Electric Arc Furnace, Ingot and Continuous Casting
Deoxidation	Killed
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 **2021-05-27**

for **DNV**

This Certificate is valid until **2024-06-30**.

DNV local station: **New York**

Approval Engineer: **Stefan Röhr**

Thorsten Lohmann
Head of Section

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Particulars of the approval

Semi-finished products

Steel type	Product ³⁾	Steel making ¹⁾	Heat treatment condition ²⁾
Carbon and Carbon-Manganese	Ingot, Billet	EAF, LF, VD, IC, CC	AC
Alloy	Ingot, Billet	EAF, LF, VD, IC, CC	AC

Remarks:

- 1) EAF: Electric Arc Furnace; LF: Ladle Refining; VD: Vacuum Degassing; CC: Continuous Casting; IC: Ingot Casting;
- 2) AC: As cast