



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000025M
Revision No:
2

This is to certify:

That

Metallus Inc.
1835 Dueber Ave SW Canton, Ohio,
USA

is an approved manufacturer of
Steelmaking

in accordance with

DNV rules for classification – Ships
DNV class programme – DNV-CP-0242 Semi-finished steel products

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 **2024-05-13**

This Certificate is valid until **2027-06-30**.

DNV local unit: **New York**

Approval Engineer: **Stefan Röhr**



for **DNV**

This document has been digitally signed and will therefore not have handwritten signature

Christian Wildhagen

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: AM 311

Revision: 2022-12

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Particulars of the approval

Semi-finished products

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

Remarks:

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