



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002MA
Revision No:
2

This is to certify:

That

Schwerter Profile GmbH
Eisenindustriestr. 1, 58239 Schwerte,
Germany

is an approved manufacturer of
Rolled Steel Products

in accordance with
DNV rules for classification – Ships

and the following particulars:

Application area	High strength steel
Products	Sections (bulb flats)
Manufacturing method	Electric Arc Furnace, Continuous Casting
Dimensions	See page 2
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 **2022-11-29**

for **DNV**

This Certificate is valid until **2025-10-31**.

DNV local unit: **Essen**

Approval Engineer: **Stefan Röhr**

Thorsten Lohmann
Head of Section

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Particulars of the approval

High strength steel

Grade	Product ³⁾	Steel making ¹⁾	Fine grain elements	Dimensions [mm] ³⁾	Heat treatment condition ²⁾
NV A32, NV A36	Sections	EAF, CC	Al+V	120x25x11	AR
NV D32, NV D36	Sections	EAF, CC	Al+V	120x25x11	AR

Remarks:

- 1) EAF: Electric Arc Furnace, CC: Continuous Casting
- 2) AR: As rolled
- 3) Bulb Flats