



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM0000284
Revision No:
2

This is to certify:

That

Wuhan Iron & Steel Co., Ltd.
No. 2 Wugang Gate, Qingshan District,
Wuhan, Hubei 430083,
China

is an approved manufacturer of
Steelmaking and Rolled Steel Products

in accordance with

DNV rules for classification – Ships

DNV-OS-B101 – Metallic materials

DNV class programme – DNV-CP-0243 Rolled steel products – non stainless steel

and the following particulars:

Application area	Normal strength steel
Product	High strength steel
Manufacturing method	Plates from Strip
	Basic Oxygen Converter
	Continuous Casting
Max. thickness	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 **2024-06-10**

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

DNV local unit: **Wuhan**

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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Page 1 of 2

Particulars of the approval

Plates made from Strip

Grade or type	Steelmaking ¹⁾	Fine grain elements	Max. thickness [mm]	Heat treatment condition ²⁾
NV A, NV B	BOC, CC	-	25.4	TM
NV D	BOC, CC	Al	19.0	TM
NV A32, NV D32	BOC, CC	Al+Nb	19.0	TM
NV A36, NV D36	BOC, CC	Al+Nb	19.0	TM

Remarks:

- ¹⁾ BOC: Basic oxygen converter
 CC: Continuous casting
- ²⁾ TM: Thermo-mechanical rolling