



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002TN
Revision No:
1

This is to certify:

That

Jinlei Technology Co., Ltd.
No.118, Shuangquan Road, Gangcheng District, Jinan, Shandong,
China

is an approved manufacturer of
Steelmaking and Rolled Steel Products

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
Products	Semi-finished products for rolling or forging stock (ingots)
Steel type	Carbon and carbon-manganese, Alloy
Manufacturing method	Electric arc furnace / ingot casting
Deoxidation	Killed
Max weight [kg]	85 000 kg
Heat treatment condition	Annealed

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 **2024-07-04**

This Certificate is valid until **2027-01-20**.

DNV local unit: **Qingdao NB & CMC**

Approval Engineer: **Torben Schällicke**



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⁾	Max weight [kg]	Heat treatment condition ²⁾
C and C-Mn	Ingot	EAF, IC	85 000	A
Alloy	Ingot	EAF, IC	85 000	A

Remarks:

- ¹⁾ EAF: electric arc furnace
IC: ingot casting
- ²⁾ A: Annealed