



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM000018Y**  
Revision No:  
**2**

This is to certify:

That

**Fujian Tsingtu Nickel Industry Co., Ltd.**  
Fuxi Village, Wanwu Town, Fuan, Fujian,  
China

is an approved manufacturer of  
**Steelmaking**

in accordance with  
**DNV rules for classification – Ships**

and the following particulars:

<b>Application area</b>	<b>Steelmaking</b>
<b>Products</b>	<b>Semi-finished products for rolling or forging stock (Slabs / blooms / billets)</b>
<b>Steel type</b>	<b>Austenitic stainless, Austenitic-ferritic (Duplex) stainless</b>
<b>Manufacturing method</b>	<b>See page 2</b>
<b>Max. thickness / diameter</b>	<b>See page 2</b>
<b>Heat treatment condition</b>	<b>See page 2</b>

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 **2022-11-02**

for **DNV**

This Certificate is valid until **2025-11-05**.

DNV local unit: **Guangzhou**

Approval Engineer: **Stefan Röhr**

**Thorsten Lohmann**  
**Head of Section**

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.



## Particulars of the approval

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### Semi-finished products

Steel type	Product	Steel making <sup>1)</sup>	Max weight [kg]	Max. thickness [mm]	Heat treatment condition <sup>2)</sup>
Austenitic stainless	Slab, Bloom	EAF, CC	3 000	220 x 220	AC, AR
Austenitic stainless	Billet	EAF, CC	1 000	Ø130	AR
Austenitic-ferritic (Duplex) stainless	Slab, Bloom	EAF, CC	3 000	220 x 220	AC, AR
Austenitic-ferritic (Duplex) stainless	Billet	EAF, CC	1 000	Ø130	AR

Remarks:

- <sup>1)</sup> EAF: Electric Arc Furnace  
 CC: Continuous Casting
- <sup>2)</sup> AR: As rolled  
 AC: As cast