



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM000018Y**  
Revision No:  
**3**

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**  
**DNV class programme – DNV-CP-0242 Semi-finished steel products**

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</b>	<b>See page 2</b>
<b>Max. weight</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 **2024-09-11**

for **DNV**

This Certificate is valid until **2027-12-31**.

DNV local unit: **Guangzhou FiS**

Approval Engineer: **Stefan Röhr**

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

### Semi-finished products

Steel type <sup>3)</sup>	Product	Steel making <sup>1)</sup>	Max weight [kg]	Max. thickness / dimensions [mm]	Heat treatment condition <sup>2)</sup>
Austenitic stainless	Slab	EAF, CC	27 000	220 x 1 600	AC
	Bloom	EAF, CC	3 000	220 x 220	AR
	Billet	EAF, CC	1 000	Ø130	AR
Austenitic-ferritic (Duplex) stainless	Slabs	EAF, CC	27 000	220 x 1 600	AC
	Bloom	EAF, CC	3 000	220 x 220	AR
	Billet	EAF, CC	1 000	Ø130	AR

Remarks:

- 1) EAF: Electric Arc Furnace; CC: Continuous Casting
- 2) AR: As rolled; AC: As cast
- 3) Including chromium-nickel-manganese austenitic stainless steel grade 1.4372 for applications subject to DNV plan- or type approval