

**APPROVAL OF MANUFACTURER
CERTIFICATE**

Certificate No:
AMMM000018Y
Revision No:
1

This is to certify:

That

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

is an approved manufacturer of
Steelmaking

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Steelmaking
Products	Semi-finished products for rolling or forging stock (Slabs / blooms / billets)
Steel type	Austenitic stainless, Austenitic-ferritic (Duplex) stainless
Manufacturing method	See page 2
Max. thickness / diameter	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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2019-10-29**

This Certificate is valid until **2022-11-05**.

DNV GL local station: **Guangzhou**

Approval Engineer: **Andreas Koch**



for DNV GL

Digitally Signed By: Wildhagen, Christian
Location: DNV GL Hamburg, Germany
Signing Date: 2019-10-29, on behalf of

Thorsten Lohmann
Head of Section



Job Id: **263.11-010355-1**
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Particulars of the approval

Semi-finished products

Steel type	Product	Steel making ¹⁾	Max weight [kg]	Max. thickness [mm]	Heat treatment condition ²⁾
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:

- 1) EAF: electric arc furnace
CC: continuous casting
- 2) AR: as rolled
AC: as cast