



Approval No. ST90PI

Certificate No. TA22931E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

Fujian Tsing tuo Nickel Industry Co., Ltd.

Fuxi Village, Wanyuan Town, Fuzhou, Fujian, P. R. China

has been approved for the manufacturing process of undermentioned materials by the NIPPON KAIJI KYOKAI in accordance with the requirements of 1.2, Part K of the Society's "Rules for the Survey and Construction of Steel Ships" and Chapter 2, Part 1 of the Society's "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

MATERIALS : Stainless Steel Pipes

The details of the relevant approval conditions are given in the PARTICULARS OF APPROVAL listed in the reverse of this certificate.

The products for the ships classed with the Society are to be manufactured, tested and inspected in compliance with the Rules.

This certificate is valid from 8 December 2022 until 7 December 2027.

Issued at Tokyo on 8 December 2022.



[Signature]

Y. Takao

General Manager

Material and Equipment Department

List of PARTICULARS OF APPROVAL

	Ref. No.	Issue Date
1.	TA22932E	8 DEC. 2022

No. : TA22932E

Date : 8 December 2022

PARTICULARS OF APPROVAL

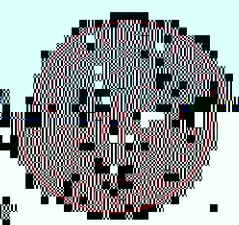
Approval Conditions for Manufacturing Process of Stainless Steel Pipes

1. Manufacturer : Fujian Tsing tuo Nickel Industry Co., Ltd.
2. Kind of Products : See Table.
3. Grade : See Table.
4. Max. Dimension : See Table.
4. Steel Making Process : Electric Arc Furnace
6. Casting Process : Continuous Casting

Table: Part of Approval Conditions

Grade	Kind of products	Max. Dimension
K304TP	Square billets	210×210 (mm)
K304TP	Round billets	φ 240 (mm)
K304TP	Blooms	φ 130 (mm)
K316LTP	Square billets	210×210 (mm)
K316LTP	Round billets	φ 240 (mm)

The undersigned hereby certifies that the above-mentioned products are in the approved type and comply with the manufacturing process of the approved grade of stainless steel pipes.


 Director
 Quality Management Department