



Approval No. ST90PI

Certificate No. 1A2293PL

APPROVAL OF MANUFACTURING PROCESSES

*This is to certify that*

**Fujian Tsing tuo Nickel Industry Co., Ltd.**

**Manufacturing Process Approval**

The quality of the product produced according to the manufacturing process approved by ClassNK is guaranteed to the relevant technical standards.

The approval is for the manufacturing process for the manufacturing, testing and inspection of the product.

The manufacturing process is approved by ClassNK on the condition that the manufacturer complies with the relevant technical standards.

  
 代表者  
 代表者  
 代表者

List of PARTICULARS OF APPROVAL

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

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No. : TA22932E  
 Date : 8 December 2022

## PARTICULARS OF APPROVAL

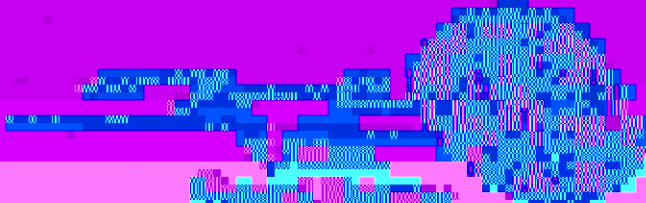
### Approval Conditions for Manufacturing Process of Stainless Steel Pipes

- 1. Manufacturer : Fujian Tsing tuo Nickel Industry Co., Ltd.
- 2. Kind of Product : 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

No.	Product	Grade	Max. Dimension
1	Seamless Pipe	SUS304	DN 100
2	Seamless Pipe	SUS316L	DN 100
3	Seamless Pipe	SUS304	DN 150
4	Seamless Pipe	SUS316L	DN 150
5	Seamless Pipe	SUS304	DN 200
6	Seamless Pipe	SUS316L	DN 200
7	Seamless Pipe	SUS304	DN 250
8	Seamless Pipe	SUS316L	DN 250
9	Seamless Pipe	SUS304	DN 300
10	Seamless Pipe	SUS316L	DN 300
11	Seamless Pipe	SUS304	DN 350
12	Seamless Pipe	SUS316L	DN 350
13	Seamless Pipe	SUS304	DN 400
14	Seamless Pipe	SUS316L	DN 400
15	Seamless Pipe	SUS304	DN 450
16	Seamless Pipe	SUS316L	DN 450
17	Seamless Pipe	SUS304	DN 500
18	Seamless Pipe	SUS316L	DN 500
19	Seamless Pipe	SUS304	DN 550
20	Seamless Pipe	SUS316L	DN 550
21	Seamless Pipe	SUS304	DN 600
22	Seamless Pipe	SUS316L	DN 600
23	Seamless Pipe	SUS304	DN 650
24	Seamless Pipe	SUS316L	DN 650
25	Seamless Pipe	SUS304	DN 700
26	Seamless Pipe	SUS316L	DN 700
27	Seamless Pipe	SUS304	DN 750
28	Seamless Pipe	SUS316L	DN 750
29	Seamless Pipe	SUS304	DN 800
30	Seamless Pipe	SUS316L	DN 800
31	Seamless Pipe	SUS304	DN 850
32	Seamless Pipe	SUS316L	DN 850
33	Seamless Pipe	SUS304	DN 900
34	Seamless Pipe	SUS316L	DN 900
35	Seamless Pipe	SUS304	DN 950
36	Seamless Pipe	SUS316L	DN 950
37	Seamless Pipe	SUS304	DN 1000
38	Seamless Pipe	SUS316L	DN 1000
39	Seamless Pipe	SUS304	DN 1050
40	Seamless Pipe	SUS316L	DN 1050
41	Seamless Pipe	SUS304	DN 1100
42	Seamless Pipe	SUS316L	DN 1100
43	Seamless Pipe	SUS304	DN 1150
44	Seamless Pipe	SUS316L	DN 1150
45	Seamless Pipe	SUS304	DN 1200
46	Seamless Pipe	SUS316L	DN 1200
47	Seamless Pipe	SUS304	DN 1250
48	Seamless Pipe	SUS316L	DN 1250
49	Seamless Pipe	SUS304	DN 1300
50	Seamless Pipe	SUS316L	DN 1300
51	Seamless Pipe	SUS304	DN 1350
52	Seamless Pipe	SUS316L	DN 1350
53	Seamless Pipe	SUS304	DN 1400
54	Seamless Pipe	SUS316L	DN 1400
55	Seamless Pipe	SUS304	DN 1450
56	Seamless Pipe	SUS316L	DN 1450
57	Seamless Pipe	SUS304	DN 1500
58	Seamless Pipe	SUS316L	DN 1500
59	Seamless Pipe	SUS304	DN 1550
60	Seamless Pipe	SUS316L	DN 1550
61	Seamless Pipe	SUS304	DN 1600
62	Seamless Pipe	SUS316L	DN 1600
63	Seamless Pipe	SUS304	DN 1650
64	Seamless Pipe	SUS316L	DN 1650
65	Seamless Pipe	SUS304	DN 1700
66	Seamless Pipe	SUS316L	DN 1700
67	Seamless Pipe	SUS304	DN 1750
68	Seamless Pipe	SUS316L	DN 1750
69	Seamless Pipe	SUS304	DN 1800
70	Seamless Pipe	SUS316L	DN 1800
71	Seamless Pipe	SUS304	DN 1850
72	Seamless Pipe	SUS316L	DN 1850
73	Seamless Pipe	SUS304	DN 1900
74	Seamless Pipe	SUS316L	DN 1900
75	Seamless Pipe	SUS304	DN 1950
76	Seamless Pipe	SUS316L	DN 1950
77	Seamless Pipe	SUS304	DN 2000
78	Seamless Pipe	SUS316L	DN 2000
79	Seamless Pipe	SUS304	DN 2050
80	Seamless Pipe	SUS316L	DN 2050
81	Seamless Pipe	SUS304	DN 2100
82	Seamless Pipe	SUS316L	DN 2100
83	Seamless Pipe	SUS304	DN 2150
84	Seamless Pipe	SUS316L	DN 2150
85	Seamless Pipe	SUS304	DN 2200
86	Seamless Pipe	SUS316L	DN 2200
87	Seamless Pipe	SUS304	DN 2250
88	Seamless Pipe	SUS316L	DN 2250
89	Seamless Pipe	SUS304	DN 2300
90	Seamless Pipe	SUS316L	DN 2300
91	Seamless Pipe	SUS304	DN 2350
92	Seamless Pipe	SUS316L	DN 2350
93	Seamless Pipe	SUS304	DN 2400
94	Seamless Pipe	SUS316L	DN 2400
95	Seamless Pipe	SUS304	DN 2450
96	Seamless Pipe	SUS316L	DN 2450
97	Seamless Pipe	SUS304	DN 2500
98	Seamless Pipe	SUS316L	DN 2500
99	Seamless Pipe	SUS304	DN 2550
100	Seamless Pipe	SUS316L	DN 2550

The approval is granted on the condition that the applicant shall comply with the requirements of the relevant Japanese Standards and the manufacturing process of the applicant complies with the relevant Japanese Standards.

  
 Approving Officer  
 Nippon Kaiji Kyokai (ClassNK)