



CERTIFICATE FOR PRODUCT CONFORMITY

Award to:

Tsingtuo Group Co., Ltd.
Wanwu Economic Development Zone,
Fu'an City, Fujian Province, 355006, P. R. China

with production sites

Fujian TsingTuo Nickel Industry Co., Ltd.
Fujian Dingxin Technology Co., Ltd.
Fujian Dingxin Industrial Co., Ltd.
Fujian Tsingtuo Industrial Co., Ltd.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch certifies that the above company with production sites has been assessed for Approval of its Production Facility for hot rolled stainless steel sheet, strip and plate of 304, 304L, 316, 316L, 321, S32205, S31655, S20100, and found that the products comply with the Standard ASME SA-240, ASTM A240;

And for hot rolled stainless steel bar and wire rods of 304, 304L, 316, 316L, 321, 316Ti, S32205, S32750, and found that the products comply with the Standard ASME SA-270, ASTM A270 and ASME SA-479, ASTM A479;

Subject to continuous satisfactory cooperation of the company, and to the satisfactory annual audits as per annexed ATTESTATION.

This Certificate is valid from: June 06th, 2024

For a period of three years, ending: June 05th, 2027

Certificate No. : IS-SHA-307416

At: Shanghai, P. R. C
On: June 06th, 2024

Signature:



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ATTESTATION
No. IS-SHA-307416

1. Name of the Company: **Tsingtuo Group Co., Ltd.**
2. Address: Wanwu Economic Development Zone, Fu'an City,
Fujian Province, 355006, P. R. China

3. Pattern and Size of Product: Hot rolled coil, strip and plate in stainless steels:
➤ 304, 304L, 316, 316L with thickness 2 to 100mm;
➤ 321 with thickness 2 to 45mm;
➤ S32205 with thickness 2 to 50mm;
➤ S31655 with thickness 2 to 12mm;
➤ S20100 with thickness 2 to 6mm.
Hot rolled bars and wire rods in stainless steels:
➤ 304, 304L, 316, 316L, 321 with O.D. 5.5 to 130mm;
➤ 316Ti, S32205, S32750 with O.D. 65 to 130mm.

- The products comply with the requirements of ASME SA-240 / ASTM A240, ASME SA-276 / ASTM A276, ASME SA-479 / ASTM A479.

Taking into account the following survey carried out by the inspector from Shanghai Office:

- Satisfactory examination of the documents annexed to the Application for approval of manufacturing or production facilities.
- Satisfactory audit of the above-mentioned factory with site surveillance.
- Attendance to the satisfactory testing of samples randomly selected from the production line.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch certifies that the above company has been assessed for Approval of its Production Facilities for the above mentioned hot rolled stainless steel plate/strip/coil and hot rolled stainless steel bar/wire rods, and it was found that the products comply with the International Standards mentioned above.

This certificate is valid for 3 years/3 years (自颁发之日起3年), provided that annual surveillance visits by the certification body are satisfactory. It may be extended upon request.

1 st Surveillance	2 nd Surveillance
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AUDIT REPORT

- Order No.: 7482514189
- Report No.: 307216
- Contractor: Tsingtuogroup Co., Ltd.

TÜV SÜD Certification and
Testing (China) Co., Ltd.
Shanghai Branch

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- Address: Wanwu Economic Development Zone, Fu'an City,
Fujian Province, 353006, P. R. China

The Report may only be quoted in full. Any
use for other than the intended purposes must be
granted in writing.

- Manufacturer: Tsingtuogroup Co., Ltd.

The test results refer exclusively to the
units under test.

- Audit Date: June 04th & 05th, 2024

- Auditor: Han Fei

- Purpose: Plant Facility Approval for hot rolled and cold rolled
sheet, plate, hot rolled round bar, hot rolled wire rod in
austenitic stainless steels in accordance with ASME
SA-240, ASTM A240, ASME SA-276 / ASTM A276,
ASME SA-479 / ASTM A479.





1. General

The company Tsingtu Group Co., Ltd. who designs and manufactures of hot rolled stainless steel coil, strip, plate in 304, 304L, 316, 316L, 321, S32205, S31655 and S20100 in accordance with ASME SA-240 / ASTM A240, and hot rolled stainless steel round bars, wire rods of 304, 304L, 316, 316L, 321, 316Ti, S32205 and S32750 in accordance with ASME SA-276 / ASTM A276, ASME SA-479 / ASTM A479. This is an initial audit report to support the certificate (IS-SHA-307416), and verify whether the management system is suitable and effective for the products mentioned above in accordance with applicable standards and specifications.

This audit includes two sections: one is the QA audit, the other is product testing. Quality system is effectively maintained and surveyed by certification body TUV Rheinland, certificate no. 01 100 1933166 of ISO9001:2015 is valid until 2026-11-25. The statistical control system for product testing mentioned in the section 4 & 5.

Opening and Closing Meetings were held with responsible persons of quality dept., Technology dept., and production dept.. The auditors take a look at the manufacturing processes in detail, quality assurance, quality control and storage as applied in the manufacture of hot rolled stainless steel.

In the present case, this audit cannot cover each detail of the whole QA-System, relevant sectors of the company have been audited according to a sampling system in order to obtain an overall picture of the status of the QA-System.

2. Examination of Quality-Assurance Measures

The following core processes are identified:

- QS management and QS audit result
- Product sales, satisfaction of client's requirement and communication with clients
- Main equipment in production
- Material melting in house
- Production procedure and control method
- Product inspection before, during and after production
- Traceability of production and inspection activity
- Calibration of inspection and measurement tool
- Package and delivery

As a result of the apparent continued development of the QA - System in the company has a QA-manual adapted to the requirements of the ISO 9001: 2015. Quality system is effectively maintained and surveyed by certification body TUV Rheinland, certificate of ISO9001:2015 is valid from 2023-11-26 until 2026-11-25, the certification is valid and effective. The efficiency of the systems is being maintained by the management in regular intervals and, as the case may be, necessary correcting measures, if required, are arranged forthwith.

3. Changes since last audit

N/A

4. Statistics

Statistic evaluation of quality is monthly reported, the results show quality of seamless tube is in control.





Client's complaint is delivered from sales department, corrective action and improvement measures are verified to be effective.

5. Material Testing

The auditor witnessed final tests for hot rolled coil/strip/plate, hot rolled round bar, hot rolled wire rod in austenitic stainless steel randomly sampling from storage. The test results are acceptable according to applicable codes/specification.

6. Comprehensive valuation

Tsingtuo Group Co., Ltd. has a good working and efficient management system which complies in all respects with all requirements of Standard ISO 9001: 2015 and products is found to satisfy applicable codes/specification. The main manufacturing process records have been reviewed without objection, including smelting & refining, continuous casting, hot rolling, heat treatment(+AT), pickling, etc.

Inspection activity is carried out before, during and after manufacture. Dimensional examination and mechanical properties are controlled in accordance with quality system required. Final inspection is recorded in mill certificate; the contents of mill certificates are reviewed and acceptable acc. to applicable codes/specification.

Calibration of measurement tools and test machines were reviewed, records and reports were available.

Except for what mentioned above inspection activity & results, the following deviation or recommendation were issued during this visit for corrective actions:

- It was found that the forced air cooling time from 850°C fall to 400°C was about 20min after hot rolling process of Q195 round bar during rolling process. It is recommended to establish the cooling time in further, in addition to a procedure could be established that the maximum cooling duration would be specified for different material grades with size and monitoring & recording regularly, in order to reduce precipitating chromium-rich carbide during above sensitization temp. range.
- The severity level 2.0 for type B was determined during non-metallic inclusion test carried out on hot rolled bar. The rolling process should be improved in further.

5. Obligations

Tsingtuo Group Co., Ltd. is obligated to inform the TÜV SÜD auditor of changes which infringe on the scope of this approval, specifically those concerning changes in the scope of approval, in manufacture process and in quality control methods.

TÜV SÜD auditor is entitled to check the continued adherence to the applicable codes/specification at any time during production.

Note: Findings (F); Improvement Potential (V)

Other enclosure:

a. Existing ADW0+PED4.3 Certificate with no. DGR-0036-QS-W 784/2017/MUC-02.

Assigned Inspector
IS:PLS-M

