



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB328322WS**

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Austenitic and austenitic-ferritic (duplex) stainless steel plates
<i>Type</i>	304-304L-316-316L-304N and S32205-S31803
<i>Manufacturer</i>	SHANXI TAIGANG STAINLESS STEEL CO., LTD.
<i>Place of manufacture</i>	2, JIANCAOPING STREET Taiyuan (Shanxi) CHINA
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA China Marine** on **April 25, 2024.** *This Certificate is valid until* **April 10, 2029**



Hong Gu
RINA Services S.p.A.

This certificate consists of this page and 1 enclosure

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304-304L-316-316L-304N and S32205-S31803

APPROVAL CONDITIONS

Approval particulars:

Grade	Steel-making	Deoxidation practice	Casting practice	Delivery condition	Thickness (mm)
304; 304L; 316; 316L; 304N	EAT+AOD +LF	Killed	CC	Solution	6~60
UNS S32205; UNS S31803	EAT+AOD +LF	Killed	CC	Solution	6~60

Note: EAT -Electric Furnace; AOD-Argon oxygen decarburization furnace; LF-Ladle furnace;

Remarks:

1. This approval condition is only apply for 4300mm Rolling Line of TISCO Stainless Steel Hot Rolling Mill;
2. Applicable standard: ASTM A240/A240M and EN 10028-7:2016 for 304,304N,316,UNS S32205 and RINA rules for 304L,316L, UNS S31803;

Survey conditions:

The plates are to be in compliance in all respects with the requirements specified in Part D Ch 2 Sec1 of the RINA Rules and are to be tested accordingly.

General conditions for the approval

- The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.
- RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

RINA China Marine April 25, 2024