

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001CH
Revision No:
5

This is to certify:

That

**Linfen Plate Plant of Shanxi Taigang Stainless Steel Co.,Ltd.
Taiyuan, China**

is an approved manufacturer of
Steelmaking and Rolled Steel Products

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Product	Plates
Grade(s)	Austenitic stainless, Ferritic-austenitic stainless (duplex)
Steelmaking	Electric arc furnace, Continuous casting (No.1 and No.2 Steelmaking Works of TISCO)
Delivery conditions	Solution heat treated
Max. thickness/diam.	See page 2
Remarks	Including low temperature service for austenitic stainless steel

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 **2018-11-21**

for **DNV GL**

This Certificate is valid until **2020-05-31**.

DNV GL local station: **Tianjin**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section



Job Id: **263.11-004317-5**
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Particulars of the approval

Austenitic stainless steel

Grade ³⁾	Product	Steel making ¹⁾	Max. thickness [mm]	Delivery condition ²⁾
VL 304 L	Plate	EAF, CC	40	SHT
VL 316 L	Plate	EAF, CC	40	SHT
VL 316 LN	Plate	EAF, CC	40	SHT
VL 317 L	Plate	EAF, CC	40	SHT
VL 317 LN	Plate	EAF, CC	40	SHT
VL 321	Plate	EAF, CC	40	SHT
VL 347	Plate	EAF, CC	40	SHT
304N acc. ASTM A240/A240M ⁴⁾	Plate	EAF, CC	60	SHT

Austenitic-ferritic stainless steel (Duplex)

Grade ³⁾	Product	Steel making ¹⁾	Max. thickness [mm]	Delivery condition ²⁾
UNS S31803	Plate	EAF, CC	40	SHT
UNS S32204 ⁴⁾	Plate	EAF, CC	40	SHT
UNS S32205 ⁴⁾	Plate	EAF, CC	40	SHT
UNS S32101 ⁴⁾	Plate	EAF, CC	40	SHT

Remarks:

- ¹⁾ EAF: Electric Arc Furnace
CC: Continuous Casting
- ²⁾ SHT: Solution Heat Treated (solution annealed)
- ³⁾ Certification of any material applied to classed object shall fulfill the applicable material requirements in the DNV GL class rules
- ⁴⁾ Possible application and certification of accordant material to classed object is subject to case by case approval; grades are not covered by DNVGL-RU-ShipPt2Ch2Sec3 [4]