

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000JE
Revision No:
1

This is to certify:

That

JINDAL STAINLESS LIMITED

**Kalinganagar Industrial Complex, Jajpur, 755026, Odisha,
India**

is an approved manufacturer of
Steelmaking and Rolled Steel Products

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area Products	Stainless steel Plates, Sheets and coils Semi-finished products (slabs)
Grades	Austenitic stainless, See page 2
Manufacturing method	Electric arc furnace, argon oxygen decarburization, ladle refining furnace, continuous casting
Max. thickness	See page 2
Delivery condition	Solution heat treated

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 **2019-06-11**

for **DNV GL**

This Certificate is valid until **2022-05-09**.

DNV GL local station: **Mumbai**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section



Job Id: **263.11-010008-1**
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Particulars of the approval

Semi-finished products: Slabs

Grade	Steel making ¹⁾	Fine grain elements	Max. thickness [mm]
VL 304 L, VL 316 L, VL 317 L, VL 321, VL 347	EAF, AOD, LRF, CC	-	Not applicable
201LN ³⁾	EAF, AOD, LRF, CC	-	Not applicable

Final products: Steel Plates, Sheets and Coils

Grade	Steel making ¹⁾	Fine grain elements	Max. thickness [mm]	Delivery condition ²⁾	Z-quality
VL 304 L, VL 316 L, VL 317 L, VL 321, VL 347	EAF, AOD, LRF, CC	-	55	SHT	-
201LN ³⁾	EAF, AOD, LRF, CC	-	30	SHT	-

Remarks:

- 1) EAF: Electric arc furnace
AOD: Argon oxygen de-carburization
LRF: Ladle refining furnace
CC: Continuous casting
- 2) SHT: solution heat treated (solution annealed)
- 3) The materials specification is to be according to ASTM A240 and approved project specifications.
Application to be accepted on a case by case evaluation.