



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM0000JE
Revision No:
2

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 rules for classification – Ships

and the following particulars:

Application area	Stainless steel
Products	Plates, Sheets and coils Semi-finished products (slabs)
Grades	Austenitic stainless, Ferritic-austenitic (duplex) stainless See page 2
Manufacturing method	Electric arc furnace, argon oxygen decarburization, ladle refining furnace, continuous casting
Max. thickness	See page 2
Heat treatment 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 classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2022-10-12**

This Certificate is valid until **2025-05-09**.

DNV local station: **India CMC & NB**

Approval Engineer: **Christian Wildhagen**



for **DNV**

Digitally Signed By: Roehr, Stefan

Location: DNV Hamburg, Germany

Signing Date: 02.11.2022 , on behalf of

Thorsten Lohmann
Head of Section

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Particulars of the approval

Semi-finished products: Slabs

Grade	Steel making ¹⁾	Fine grain elements	Max. thickness [mm]
NV 304 L, NV 316 L, NV 317 L, NV 321, NV 347	EAF, AOD, LRF, CC	-	Not applicable
UNS S31803, UNS S32750, UNS S32760	EAF, AOD, LRF, CC	-	Not applicable
201LN ³⁾	EAF, AOD, LRF, CC	-	Not applicable

Rolled products: Stainless steel

Grade	Product	Steel making ¹⁾	Max. thickness [mm]	Heat treatment condition ²⁾	Z-quality
NV 304 L, NV 316 L, NV 317 L, NV 321, NV 347	Plates, Sheets, Coils	EAF, AOD, LRF, CC	75	SHT	-
UNS S31803, UNS S32750, UNS S32760	Plates, Sheets, Coils	EAF, AOD, LRF, CC	32	SHT	-
Steel acc. to ASTM A240					
201LN ³⁾	Plates, Sheets, Coils	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) Possible application and certification of any material to classed object is subject to case by case approval