

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002NB
Revision No:
1

This is to certify:

That
ACERINOX EUROPA S.A.U.
Los Barrios, Spain

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	Stainless steel
Products	Plates and sheets, Coils
Grades	Austenitic stainless, Ferritic-austenitic (duplex) stainless
Manufacturing method	Electric Arc 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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2020-04-21**

This Certificate is valid until **2023-01-22**.

DNV GL local station: **Algeciras**

Approval Engineer: **Stefan Röhr**



for **DNV GL**

Digitally Signed By: Wildhagen, Christian

Location: DNV GL Hamburg, Germany

Signing Date: 2020-04-21, 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 GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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.



Job Id: **263.11-010365-1**
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Particulars of the approval

Stainless steel

Grade ³⁾	Product	Steel making ¹⁾	Max. thickness [mm]	Heat treatment condition ²⁾
VL 304 L	Plate	EAF, CC	50	SHT
VL 304 L	Coil	EAF, CC	10	SHT
VL 316 L	Plate	EAF, CC	50	SHT
VL 316 L	Coil	EAF, CC	10	SHT
VL 321	Plate	EAF, CC	50	SHT
VL 321	Coil	EAF, CC	10	SHT
UNS S31803 (1.4462)	Plate	EAF, CC	50	SHT
UNS S31803 (1.4462)	Coil	EAF, CC	10	SHT

Remarks:

- 1) EAF: Electric Arc Furnace; CC: Continuous Casting
- 2) SHT: Solution Heat Treated (solution annealed)
- 3) Including equivalent grades to other standards