



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001XF
Revision No:
4

This is to certify:

That

Marcegaglia Stainless Sheffield Limited
Europa Link, Sheffield, S9 1TZ,
United Kingdom

is an approved manufacturer of
Steelmaking

in accordance with

DNV rules for classification – Ships
DNV class programme – DNV-CP-0242 Semi-finished steel products

and the following particulars:

Application area	Steelmaking
Products	Semi-finished products for rolling or forging stock (ingots, slabs, blooms and billets)
Steel type	Austenitic stainless, Austenitic-ferritic (duplex) stainless, Non-magnetizable steels
Manufacturing method	See page 2
Deoxidation	Killed
Max. weight [kg]	See page 2
Max. thickness / diameter	See page 2
Heat treatment condition	See page 2

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 **2023-09-13**

for **DNV**

This Certificate is valid until **2026-06-30**.

DNV local unit: **Sheffield**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section

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Particulars of the approval

Semi-finished products

Steel type ³⁾	Product	Steel making ¹⁾	Max weight [kg]	Max. thickness [mm]	Heat treatment condition ²⁾
Austenitic					
NV 304 L, NV 316 L, NV 316 L N, NV 317 L, NV 317 L N, NV 321, NV 347	Ingot	EAF, AOD, LF	19 600	765	AC, AR
	Slab		30 000	300	
	Bloom		10 000	300 x 400	
	Billet		3 200	200 x 200	
Duplex					
UNS 31803, UNS 32750	Ingot	EAF, AOD, LF	19 600	765	AC, AR
	Slab		30 000	300	
	Bloom		10 000	300 x 400	
	Billet		3 200	200 x 200	
Non-magnetizable steels					
1.3964 acc. to BWB WL 1.3964	Ingot	EAF, AOD, LF	19 600	765	AC, AR
	Slab		30 000	300	
	Bloom		10 000	300 x 400	
	Billet		3 200	200 x 200	

Remarks:

- 1) EAF: Electric Arc Furnace
AOD: Argon Oxygen Decarburization
LF: Ladle Furnace
- 2) AR: as rolled
AC: as cast
- 3) Incl. equivalent grades in acc. with other standards