

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00001XD
Revision No:
3

This is to certify:

that

Silbitz Guss GmbH
Dr.-Maruschky-Straße 2, 07613 Silbitz,
Germany

is an approved manufacturer of
Steelmaking

in accordance with

DNV rules for classification – Ships
DNV-OS-B101 – Metallic materials
DNV rules for classification – Naval vessels
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)
Steel type	Carbon and carbon-manganese, Alloy, Austenitic stainless, Ferritic stainless, Martensitic stainless Austenitic-ferritic (Duplex) stainless, Non-magnetizable steels, see page 2
Manufacturing method	Electric Arc furnace, Ingot casting
Deoxidation	Killed
Max. weight	10 000 kg
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 **2026-08-17**

This Certificate is valid until **2029-11-30**.
DNV local unit: **Hamburg – CMC North/East**

Approval Engineer: **Christian Wildhagen**



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signature

Martin Wenning

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 USD 300 000.

Particulars of the approval

Semi-finished products

Steel type	Product	Steel making ¹⁾	Max weight [kg]	Max. Thickness [mm]	Heat treatment condition
C and C-Mn	Ingot	EAF, IC	10 000	-	Acc. standard
Alloy	Ingot	EAF, IC	10 000	-	Acc. standard
Austenitic stainless	Ingot	EAF, IC	10 000	-	Acc. standard
Ferritic stainless	Ingot	EAF, IC	10 000	-	Acc. standard
Martensitic stainless	Ingot	EAF, IC	10 000	-	Acc. standard
Duplex	Ingot	EAF, IC	10 000	-	Acc. standard
Non-magnetizable steel (1.3964 acc. SEW390)	Ingot	EAF, IC	10 000	-	Acc. standard
Heat resisting steels (X5NiCrCeNb32-37)	Ingot	EAF, IC	10 000	-	Acc. standard

Remarks:

- ¹⁾ EAF: Electric arc furnace
 IC: Ingot casting