



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00001RD
Revision No:
3

This is to certify:

that

Schmiedeberger Gießerei GmbH
Altenberger Straße 59A, 01744 Dippoldiswalde,
Germany

is an approved manufacturer of
Iron Castings

in accordance with

DNV rules for classification – Ships
DNV class programme – DNV-CP-0249 Iron castings

and the following particulars:

Iron type	Grey cast iron, Nodular cast iron
Casting method	Sand casting
Max. weight	See page 2 ff.
Heat treatment condition	See page 2 ff.

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 **2026-09-18**

This Certificate is valid until **2029-10-31**.

DNV local unit: **Essen**

Approval Engineer: **Stefan Röhr**



for **DNV**

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

Christian Wildhagen

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

Cast iron

Iron type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Nodular	NV NCI-1-RT	SC	300	AC or F
	NV NCI-1-LT	SC	300	AC or F
	NV NCI-2-RT	SC	300	AC or F
	NV NCI-2-LT	SC	300	AC or F
	NV NCI350-22	SC	300	AC
	NV NCI370-17	SC	300	AC
	NV NCI400-18	SC	300	AC
	NV NCI400-15	SC	300	AC
	NV NCI450-10	SC	300	AC
	NV NCI450-18	SC	300	AC
	NV NCI500-7	SC	300	AC
	NV NCI500-14	SC	300	AC
	NV NCI550-5	SC	300	AC
	NV NCI600-3	SC	300	AC
	NV NCI600-10	SC	300	AC
	NV NCI700-3	SC	300	AC
	NV NCI800-2	SC	300	AC
	EN-GJS-400-18-LT acc. EN 1563	SC	300	AC or F
	EN-GJS-400-18-RT acc. EN 1563	SC	300	AC or F
	EN-GJS-400-18 acc. EN 1563	SC	300	AC
	EN-GJS-400-15 acc. EN 1563	SC	300	AC
	EN-GJS-450-10 acc. EN 1563	SC	300	AC
	EN-GJS-500-7 acc. EN 1563	SC	300	AC
	EN-GJS-600-3 acc. EN 1563	SC	300	AC
	EN-GJS-700-2 acc. EN 1563	SC	300	AC
	EN-GJS-800-2 acc. EN 1563	SC	300	AC
	EN-GJS-SiMo40-10 acc. EN 16124 (GJS-SiMo4.1 acc. specification KB01) ⁴⁾	SC	300	acc. to standard

Cast iron

Iron type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Grey	NV GCI200	SC	300	AC
	NV GCI225			
	NV GCI250			
	NV GCI275			
	NV GCI300			
	EN-GJL-200 acc. EN 1561			
	EN-GJL-250 acc. EN 1561			
	EN-GJL-300 acc. EN 1561			

Remarks:

- 1) SC: Sand Casting
- 2) AC: As cast; F: Ferritizing
- 3) Incl. equivalent grades in acc. to other standards
- 4) Possible application and certification of any material to classed object is subject to case-by-case approval