



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00003FX

This is to certify:

that

Trompetter Guss GmbH & Co. KG
St.-Georgen-Straße 14, 95463 Bindlach,
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
Max. wall thickness	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 **2026-07-09**

This Certificate is valid until **2029-07-08**.

DNV local unit: **Essen**

Approval Engineer: **Andreas Koch**



for **DNV**

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

Stefan Röhr

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]	Max. wall thickness [mm]	Heat treatment condition ²⁾
Grey	NV GCI200	SC	160	100	AC
	NV GCI225	SC	160	100	AC
	NV GCI250	SC	160	100	AC
	NV GCI275	SC	160	100	AC
	NV GCI300	SC	160	100	AC
	EN-GJL-200 acc. to EN1561	SC	160	100	AC
	EN-GJL-225 acc. to EN1561	SC	160	100	AC
	EN-GJL-250 acc. to EN1561	SC	160	100	AC
	EN-GJL-275 acc. to EN1561	SC	160	100	AC
	EN-GJL-300 acc. to EN1561	SC	160	100	AC
Nodular	NV NCI 2 LT	SC	180	100	AC
	NV NCI 2 RT	SC	180	100	AC
	NV NCI400-18	SC	180	100	AC
	NV NCI400-15	SC	180	100	AC
	NV NCI450-10	SC	180	100	AC
	NV NCI500-7	SC	200	100	AC
	NV NCI550-5	SC	200	100	AC
	NV NCI600-3	SC	200	100	AC
	EN GJS 400-18 LT acc. to EN 1563	SC	180	100	AC
	EN GJS 400-18 RT acc. to EN 1563	SC	180	100	AC
	EN GJS 400-15 acc. to EN 1563	SC	180	100	AC
	EN GJS 500-7 acc. to EN 1563	SC	200	100	AC
	EN GJS 600-3 acc. to EN 1563	SC	200	100	AC

Remarks:

- ¹⁾ SC: Sand casting
- ²⁾ AC: As cast
- ³⁾ Incl. equivalent grades in acc. to other standards