APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00000MG
Revision No:
5

This is to certify:

that

ZETKAMA Sp. z o.o.
ul. 3 Maja 12, 57-410 Ścinawka Średnia,
Poland

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**
Heat treatment condition	**See page 2**

Issued at **Hamburg** on **2026-11-05**

This Certificate is valid until **2029-10-31**.
DNV local unit: **Katowice CMC**

Approval Engineer: **Andreas Koch**

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]
Grey	NV CGI200	SC	153.5	AC
	NV CGI225	SC	153.5	AC
	NV CGI250	SC	153.5	AC
	NV CGI275	SC	153.5	AC
	NV CGI300	SC	153.5	AC
	NV CGI350	SC	153.5	AC
Nodular	NV NCI-1 LT	SC	153.5	AC
	NV NCI-1 RT	SC	153.5	AC
	NV NCI-2 LT	SC	153.5	AC
	NV NCI-2 RT	SC	153.5	AC
	NV NCI 370	SC	153.5	AC
	NV NCI 400-15	SC	153.5	AC
	NV NCI 400-18	SC	153.5	AC
	NV NCI 450-10	SC	153.5	AC
	NV NCI 500-7	SC	153.5	AC
	NV NCI 550-5	SC	153.5	AC
	NV NCI 600-3	SC	153.5	AC
	NV NCI 700-2	SC	153.5	AC
	NV NCI 800-2	SC	153.5	AC
	NV NCI 900-2	SC	153.5	AC

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