

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00000NA
Revision No:
4

This is to certify:

that

Magna Electro Castings Ltd.

**SF NO. 34 & 35, Coimbatore-Pollachi Main Road, Tamaraikulam Post, Pollachi Taluk,
Kinathukadavu, Coimbatore - 642109,
India**

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, see page 2
Casting method	Sand casting
Max. weight	1 000 kg
Max. wall thickness	50 mm
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 **2025-07-10**

This Certificate is valid until **2028-06-30**.

DNV local unit: **India CMC MES**

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 ⁴⁾	Casting method ¹⁾	Max. weight [kg]	Max. wall thickness [mm]	Heat treatment condition ²⁾
Grey	EN-GJL-200 acc. EN 1561	SC	1 000	50	AC
	EN-GJL-250 acc. EN 1561	SC	1 000	50	AC
Nodular	EN-GJS-400-18-LT acc. EN 1563	SC	1 000	50	AC, F
	EN-GJS-400-15 acc. EN 1563	SC	1 000	50	AC, F
	EN-GJS-450-10 acc. EN 1563	SC	1 000	50	AC, F
	EN-GJS-500-7 acc. EN 1563	SC	1 000	50	AC
	EN-GJS-700-2 acc. EN 1563	SC	1 000	50	AC
	NV NCI-2	SC	1 000	50	AC, F
	NV NCI400	SC	1 000	50	AC, F
	NV NCI500-7	SC	1 000	50	AC
	NV NCI700	SC	1 000	50	AC
	GGG Simo 3.8/0.6 acc. Customer Specification HTCT601835 ³⁾ / HZTL651405 / EN-GJS-SiMo 40-6	SC	1 000	50	AC, F (acc. standard)
	GGG 40 F acc. to customer Specification HTCT601836 ³⁾ / HZTL651403	SC	1 000	50	AC, F (acc. standard)

Remarks:

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