

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001ET
Revision No:
1

This is to certify:

That
EMG Casting AG
Teplitzstr. 22, 84478 Waldkraiburg,
Germany

is an approved manufacturer of
Iron Castings

in accordance with
DNV GL rules for classification – Ships

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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2020-07-06**

for **DNV GL**

This Certificate is valid until **2023-05-30**.

DNV GL local station: **Augsburg**

Approval Engineer: **Enno Brück**

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Thorsten Lohmann
Head of Section

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Job Id: **263.11-007105-3**
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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	200	SC	450	50	AC
	250				
Nodular	VL NCI 400	SC	450	50	AC
	EN-GJS-450-10 acc. to EN 1563 ³⁾				

Remarks:

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