

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001WY
Revision No:
2

This is to certify:

That

Fritz Winter Eisengießerei GmbH & Co. KG
Albert-Schweitzer-Str. 15, 35260 Stadtallendorf,
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
Casting method	Sand casting
Max. weight	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 **2020-08-03**

for **DNV GL**

This Certificate is valid until **2023-04-30**.

DNV GL local station: **Essen**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section

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Job Id: **263.11-003976-5**
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Particulars of the approval

Cast iron

Iron type	Grade	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition
Grey	200	SC	2 500	AC
	250	SC	2 500	AC
	300	SC	2 500	AC
	350	SC	2 500	AC

Remarks:

- 1) SC: Sand casting
- 2) AC: As cast