

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001WY

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(s)	Grey cast iron
Max. weight	2 500 kg
Remarks	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 **2018-01-09**

This Certificate is valid until **2019-12-31**.
DNV GL local station: **Essen**

Approval Engineer: **Christian Wildhagen**



for **DNV GL**
Digitally Signed By: Roehr, Stefan
Location: DNV GL Hamburg, Germany
Signing Date: 2018-01-09 , on behalf of

Thorsten Lohmann
Head of Section



Job Id: **263.11-003976-4**
Certificate No: **AMMM00001WY**

Particulars of the approval

Cast iron

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

Remarks:

¹⁾ SC: Sand casting