

## APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No: AMMM00002VV

This is to certify:

That

VDL Castings Heerlen bv De Koumen 2, 6433 KD Hoensbroek, Netherlands

is an approved manufacturer of **Iron Castings** 

in accordance with DNV GL rules for classification – Ships

and the following particulars:

Iron type
Casting method
Max. weight
Max. wall thickness
Heat treatment condition

Nodular cast iron
Sand casting
See page 2
See page 2
See page 2
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 2021-06-30

This Certificate is valid until **2024-06-29**. DNV local station: **Netherlands CMC** 

Approval Engineer: Christian Wildhagen

for **DNV** 

Thorsten Lohmann Head of Section

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Form code: AM 311 Revision: 2021-03 www.dnv.com Page 1 of 2



263.11-011410-1 Job Id: Certificate No: AMMM00002VV

## Particulars of the approval

## **Cast iron**

Iron type	Grade 3)	Casting method 1)	Max. weight [kg]	Max. wall thickness [mm]	Heat treatment condition <sup>2)</sup>
Nodular	VL NCI 400	SC	250	150	AC
	EN-GJS-400-15 acc. EN 1563	SC	250	150	AC

## Remarks:

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

Form code: AM 311 Revision: 2021-03 www.dnv.com Page 2 of 2