

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002GR
Revision No:
1

This is to certify:

That

La Fonte Ardennaise
22 Rue Joliot Curie, Vivier au Court, 08440,
France

is an approved manufacturer of
Iron Castings

in accordance with
DNV rules for classification – Ships

and the following particulars:

Iron type(s)	Grey
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 classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2022-02-22**

This Certificate is valid until **2025-03-28**.

DNV local station: **France FIS**

Approval Engineer: **Stefan Röhr**



for **DNV**

Digitally Signed By: Wildhagen, Christian
Location: DNV GL Hamburg, Germany
Signing Date: 22.02.2022, on behalf of

Thorsten Lohmann
Head of Section

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 300,000 USD.



Particulars of the approval

Cast iron

Iron type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Grey	200	SC	40	AC
	250			AC
	300			AC
	350			AC

Remarks:

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

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002GN
Revision No:
1

This is to certify:

That

La Fonte Ardennaise
RN 51, Haybes, 08170,
France

is an approved manufacturer of
Iron Castings

in accordance with
DNV rules for classification – Ships

and the following particulars:

Iron type	Nodular cast iron
Casting method	Sand casting
Max. weight	See page 2
Heat treatment conditions	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.

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Particulars of the approval

Cast iron

Iron type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Nodular	NV NCI-1	SC	20	AC, F
	NV NCI-2			AC, F
	NV NCI 370			AC
	NV NCI 400			AC
	NV NCI 500			AC
	NV NCI 600			AC
	NV NCI 700			AC
	NV NCI 800			AC

Remarks:

- 1) SC: Sand casting (DISAMATIC vertical moulding lines)
- 2) AC: As cast; F: Ferritizing
- 3) Incl. equivalent grades in acc. to other standards



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France

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Iron Castings

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DNV rules for classification – Ships

and the following particulars:

Iron type	Nodular cast iron
Casting method	Grey cast iron
Max. weight	Sand casting
Heat treatment conditions	See page 2
	See page 2

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Form code: AM 311

Revision: 2021-03

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Particulars of the approval

Cast iron

Iron type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Grey	200	SC	40	AC
	250			AC
	300			AC
	350			AC

Iron type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Nodular	NV NCI-1	SC	40	AC, F
	NV NCI-2			AC, F
	NV NCI 370			AC
	NV NCI 400			AC
	NV NCI 500			AC
	NV NCI 600			AC
	NV NCI 700			AC
	NV NCI 800			AC

Remarks:

- 1) SC: Sand casting (DISAMATIC vertical moulding lines)
- 2) AC: As cast; F: Ferritizing
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