



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000YM
Revision No:
2

This is to certify:

That
LAKSHMI MACHINE WORKS LIMITED
Foundry Division
Arasur, Coimbatore - 641 407
Tamil Nadu, India

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

Issued at **Hamburg** on **2021-07-14**

for **DNV**

This Certificate is valid until **2024-03-09**.

DNV local station: **Mumbai NB & CMC**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section

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Page 1 of 2

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	6 000	220	AC
	250	SC	6 000	220	AC
	300	SC	6 000	220	AC
	350	SC	6 000	220	AC
Nodular	VL NCI-2	SC	3 200	220	AC, F
	VL NCI 370	SC	3 200	220	AC
	VL NCI 400	SC	3 200	220	AC
	VL NCI 500	SC	3 200	220	AC

Remarks:

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

Special conditions:

If applicable, heat treatment to be conducted in approved workshop