

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That
COOPER CORPORATION PVT. LTD.
Satara, Maharashtra – 415 004,
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
Casting method	Centrifugal casting
Max. weight	2 200 kg
Max. wall thickness	350 mm
Heat treatment condition	As cast / Stress relieving
Additional approval 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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2018-03-28**

for **DNV GL**

This Certificate is valid until **2021-03-27**.

DNV GL local station: **Mumbai**

Approval Engineer: **Christian Wildhagen**

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Thorsten Lohmann
Head of Section



Job Id: **263.11-008316-1**
Certificate No: **AMMM000020G**

Particulars of the approval

Cast iron

Iron type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Max. section / wall thickness [mm]	Heat treatment condition ²⁾
Grey	200	SC, IC	100	30	AC, SR
	250	SC, IC	100	30	AC, SR
	300	SC, IC	100	30	AC, SR
	350	SC, IC	100	30	AC, SR

Remarks:

- 1) CC: Centrifugal casting
- 2) AC: As cast
F: Ferritizing
SR: Stress relieving
- 3) Incl. equivalent grades in acc. to other standards