

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000ND
Revision No:
1

This is to certify:

That

Ningbo Yinzhou Fuchun Precision Casting Co., Ltd.
Lixie Village, Hengxi Town, Yinzhou District,
Zhejiang Province, China

is an approved manufacturer of
Steel Castings

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Castings for boilers, pressure vessels and piping systems
Steel type	Carbon and carbon-manganese
Casting method	Investment casting (lost-wax)
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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2019-07-03**

for **DNV GL**

This Certificate is valid until **2022-06-30**.

DNV GL local station: **Ningbo**

Approval Engineer: **Stefan Röhr**

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Thorsten Lohmann
Head of Section



Job Id: **263.11-006179-2**
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Particulars of the approval

Castings for boilers, pressure vessels and piping systems

Steel type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Max. wall thickness [mm]	Heat treatment condition ²⁾
C and C-Mn	C450H, C490H	IC	100	50	N

Remarks:

- 1) IC: Investment Casting (lost-wax)
- 2) N: Normalized
- 3) Including equivalent grades to other standards