

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No: **AMMM0000ND**Revision No:

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 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. weightSee page 2Max. wall thicknessSee page 2Heat treatment conditionSee 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 2022-11-03

for **DNV**

Head of Section

This Certificate is valid until 2025-06-30.

DNV local unit: Ningbo

Approval Engineer: Andreas Koch

Thorsten Lohmann

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Job Id: **263.11-006179-3** Certificate No: **AMMM00000ND**

Revision No: 2

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:

IC: Investment Casting (lost-wax)

2) N: Normalized

3) Including equivalent grades to other standards

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