DNV-GL

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No: **AMMM00001J8** Revision No:

1

This is to certify:

That

Impro Industries (Yixing) Co., Ltd Yixing City, Jiangsu, China

is an approved manufacturer of **Iron Castings**

in accordance with DNV GL rules for classification – Ships

and the following particulars:

Iron type Compacted (vermicular) graphite cast iron

in grade GJV 450 according to ISO 16112

Casting method Sand casting
Max. weight See page 2
Heat treatment condition See page 2
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 2020-09-15

for **DNV GL**

This Certificate is valid until **2023-07-31**.

DNV GL local station: Jiangyin

Approval Engineer: Stefan Röhr

Form code: AM 311

Thorsten Lohmann Head of Section

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Revision: 2020-01



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Particulars of the approval

Cast iron

Iron type / grade	Casting method 1)	Max. weight [kg]	Heat treatment condition ²⁾
Compacted (vermicular) graphite cast iron	SC	410	AC
in grade GJV 450 according to ISO 16112	SC	200	А

Remarks:

1) SC: Sand casting
2) A: Annealed; AC: As cast

Additional approval conditionsFor applications subject to special approval

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