

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No: AMMM00002S1

This is to certify:

That

Saint Remy Industrie Rue de l'Embarcadère, 03600 Commentry,

is an approved manufacturer of

Copper Alloy Castings

in accordance with

DNV GL rules for classification - Ships

and the following particulars:

Application area Castings for valves, fittings and general application,

Castings for propellers

Ni-Al-bronze Alloy type Manufacturing method Sand casting Max. weight 2 000 kg Heat treatment condition As cast

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 2020-06-03

for **DNV GL**

This Certificate is valid until 2023-06-02.

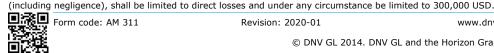
Approval Engineer: Christian Wildhagen

DNV GL local station: France CMC

Thorsten Lohmann Head of Section

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Job Id: **263.11-004340-3** Certificate No: **AMMM00002S1**

Particulars of the approval

Castings for valves, fittings and general application

Alloy type	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Ni-Al bronze	SC	2 000	AC

Castings for propellers

Alloy type	Grade	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Ni-Al-bronze	VL Cu3	SC	5 000	AC

Remarks:

SC: Sand Casting AC: As cast

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