

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

Veem Ltd
22 Baile Road, Canning Vale, WA 6155,
Australia

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 propellers
Alloy type	Ni-Al-bronze (Cu3)
Manufacturing method	Sand casting
Max. weight	10 500 kg
Heat treatment condition	As cast
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 **2018-08-13**

for **DNV GL**

This Certificate is valid until **2020-06-30**.

DNV GL local station: **Fremantle**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section



Job Id: **263.11-009151-1**
Certificate No: **AMMM000027T**

Particulars of the approval

Castings for propellers

Alloy type³⁾	Grade	Casting method¹⁾	Max. weight [kg]	Heat treatment condition²⁾
Ni-Al-bronze	VL Cu3	SC	10 500	AC

Remarks:

- 1) SC: Sand Casting
- 2) AC: As cast
- 3) Certification of any material applied to classed object shall fulfil the applicable material requirements in the DNV GL class rules