

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

Dillenberg GmbH & Co. KG
Metallgießerei und Bearbeitung, Düsseldorf, Germany

is an approved manufacturer of
Copper Alloy Castings

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Alloy type(s)	Al-Bronze Sn-Bronze Pb-Sn-Bronze Mn-Bronze
Max. weight	1800 kg

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 **2016-07-15**

This Certificate is valid until **2019-06-30**.

DNV GL local station: **Essen**

Approval Engineer: **Stefan Röhr**

for **DNV GL**

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Thorsten Lohmann
Head of Section