

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM0000YY
Revision No:
1

This is to certify:

That

Wolfensberger AG

Bäretswilerstrasse 45, 8494 Bauma, Switzerland

is an approved manufacturer of
Iron Castings

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Iron type(s)	Nodular cast iron, Austenitic cast iron
Max. weight	1500 kg
Remarks	See particulars of the approval

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 **2016-11-30**

This Certificate is valid until **2019-02-28**.

DNV GL local station: **Augsburg**

Approval Engineer: **Christian Wildhagen**



for **DNV GL**
Digitally Signed By: Hachmoeller, Ludger
Location: DNV GL Hamburg, Germany
Signing Date: 2016-12-01 , on behalf of

Thorsten Lohmann
Head of Section

Job Id: **263.11-006041-1**
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Particulars of the approval

Cast iron:

Grade	Product	Supply Condition	Casting Method	Weight [kg], max.
VL NCI-2, VL NCI400	GGG	AC	*)	1500
Nodular cast iron acc. EN 1563				
EN-GJS-400-15, EN-GJS-400-18-LT	GGG	AC	*)	1500
Nodular cast iron acc.to manufacturer's spec.				
EN-GJS-XSiMo4.05 ¹⁾	GGG	F	*)	1500
Austenitic cast iron acc. EN 13835				
EN-GJSA-XNiSiCr30-5-5 ¹⁾	G*	AC	*)	1500
EN-GJSA-XNi35	G*	AC	*)	1500

GGG: nodular cast iron

G*: special cast iron

AC: as cast

F: ferritized

*) : sand casting or Exacast® process

Remarks:

¹⁾ For applications to be subject to special approval