

# APPROVAL OF MANUFACTURER CERTIFICATE

**This is to certify:****That****Slevarna Kurim, a.s.  
Blanenská 157, Kuřim, Czech Republic**is an approved manufacturer of  
**Iron Castings**in accordance with  
**DNV GL rules for classification – Ships**

and the following particulars:

<b>Iron type(s)</b>	<b>Grey, Nodular</b>
<b>Max. weight</b>	<b>Grey cast iron: 14 000 kg, Nodular cast iron: 8 000 kg</b>
<b>Thickness</b>	<b>Max. 80 mm</b>
<b>Remarks</b>	<b>See particulars of the approval</b>

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 **2016-11-08**for **DNV GL**This Certificate is valid until **2019-09-30**.DNV GL local station: **Prag**Approval Engineer: **Christian Wildhagen**

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**Thorsten Lohmann  
Head of Section**

Job Id: **263.11-006743-1**  
 Certificate No: **AMMM000010Y**

## Particulars of the approval

### Cast iron:

Grade	Product	Supply Condition	Casting Method	Thickness [mm], max.	Weight [kg], max.
VL NCI-2	GGG	AC/F	SC	80	8 000
VL NCI370	GGG	AC/F	SC	80	8 000
VL NCI400	GGG	AC/F	SC	80	8 000
VL NCI500	GGG	AC	SC	80	8 000
VL NCI600	GGG	AC	SC	80	8 000
<b>Nodular cast iron acc. EN 1563</b>					
EN-GJS-350-22, EN-GJS-400-15, EN-GJS-400-18, EN-GJS-400-18LT, EN-GJS-400-18RT, EN-GJS-500-7, EN-GJS-600-3	GGG	AC/F	SC	80	8 000
<b>Grey cast iron acc. EN 1561</b>					
EN-GJL-200, EN-GJL-250, EN-GJL-300	GG	AC	SC	80	14000

GG: grey cast iron  
 SC: sand casting

GGG: nodular cast iron

AC: as cast

F: ferritized