DNV-GL

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No: AMMM00001NH

This is to certify:

That

ACO Guss GmbH Kaiserslautern, Germany

is an approved manufacturer of **Iron Castings**

in accordance with **DNV GL rules for classification – Ships**

and the following particulars:

Iron type(s) Grey Cast Iron,

Nodular Cast Iron

Max. weight See particulars Remarks See particulars

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 2017-09-12

This Certificate is valid until 2020-09-30.

DNV GL local station: Augsburg

Approval Engineer: Stefan Röhr

for **DNV GL**

Thorsten Lohmann Head of Section



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263.11-003585-2 Certificate No: AMMM00001NH

Particulars of the approval

Cast Iron

Iron type	Grade	Casting method	Max. weight [kg] ²⁾	Max. thickness [mm] ³⁾	Dimensions ⁴⁾
Grey	EN-GJL-150	SC / CC	200 kg	30 mm	Rectangular: 35 mm x 35 mm up to 350 mm x 350 mm Round (diameter): 28 mm up to 500 mm
	EN-GJL-200				
	EN-GJL-250				
	EN-GJL-300				
	GG-F ⁵) GG-FP ⁵) GG-P ⁵)	СС			
Nodular	VL NCI-2	SC / CC			
	VL NCI 370	SC / CC			
	VL NCI 400	SC / CC			
	VL NCI 500	SC / CC			
	VL NCI 600	SC / CC			
	VL NCI 700	SC / CC			
	EN-GJS-350-22-LT	SC / CC			
	EN-GJS-400-18-LT	SC / CC			
	EN-GJS-400-18	SC / CC			
	EN-GJS-400-15	SC /CC			
	EN-GJS-450-10	SC / CC			
	EN-GJS-500-07	SC / CC			
	EN-GJS-600-3	SC / CC			
	EN-GJS-700-2	SC / CC			
	GGG-40/50 ⁶⁾ GGG-50 ⁶⁾ GGG-60 ⁶⁾ GGG-70 ⁶⁾	СС			

Remarks:

- SC: sand casting; CC continuous casting Max. weight for sand casting only Max. thickness for sand casting only

- Dimensions for continuous casting only According to customer specification WN 0-200.002 According to customer specification WN 0-200.001

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