

# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM000002T**

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## This is to certify:

That

**Pleissner GmbH**  
**D-31008 Elze, Germany**

is an approved manufacturer of  
**Iron Castings**

in accordance with  
**Det Norske Veritas' Rules for Classification Pt. 2**

and the following particulars:

<b>Iron types</b>	<b>Grey, Nodular grades see page 2 Austenitic nodular grades, see page 2</b>
<b>Max. weight</b>	<b>See page 2</b>
<b>Remarks</b>	<b>See page 2</b>

Manufacturer approved by this certificate is accepted to deliver according to DNV GL, DNV and GL rules.

This Certificate is valid until **2019-08-19**.

Issued at **Høvik** on **2015-08-20**

for **DNV GL**

DNV GL local station: **Hamburg CMC**

Approval Engineer: **Dechun Lou**

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**Hanne Anita Hjerpetjønn**  
**Head of Section**

Job Id: **263.11-003469-2**  
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### Particulars of the approval

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<b>Iron type</b>	<b>Grade</b>	<b>Max. weight (kg)</b>
Grey cast iron	Grey	8000
Nodular cast iron	NV 1, NV 2, grades 370 to 800	
Austenitic nodular cast iron <sup>1)</sup>	EN-GJSA-XNi35, EN-GJSA-XNiSiCr35-5-2, EN-GJSA-XNiMn13-7, EN-GJSA-XNi22, EN-GJSA-XNiCrNb20-2, EN-GJSA-XNiCr20-2	8000

Remarks:

<sup>1)</sup> Austenitic cast iron according to EN 13835.