

# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00000FF**  
Revision No:  
**1**

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**This is to certify:**

**That**  
**ZTS METALURG, a.s.**  
**Dubnica nad Váhom, Slovakia**

is an approved manufacturer of  
**Steel Forgings**

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

and the following particulars:

<b>Steel type(s)</b>	<b>Carbon, Carbon-Manganese and Alloy Steels</b>
<b>Max. weight</b>	<b>10000 kg</b>
<b>Delivery Condition</b>	<b>Normalized or Quenched and Tempered</b>

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules.

This Certificate is valid until **2019-03-30**.

Issued at **Hamburg** on **2016-05-31**

DNV GL local station: **Site Office Komarno**

Approval Engineer: **Stefan Röhr**

for **DNV GL**

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**Thorsten Lohmann**  
**Head of Section**

Job Id: **263.11-005831-1**  
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## Particulars of the approval

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### Forgings

<b>Grade</b>	<b>Product</b>	<b>Supply Condition</b>	<b>Thickness</b> [mm], max.	<b>Weight</b> [kg], max.
Carbon, Carbon-Manganese and Alloy Steel	FF	N, Q+T	600	10000
Carbon, Carbon-Manganese and Alloy Steel	GE	N, Q+T		450

FF: open die forgings

GE: die forging

N: normalized

Q+T: quenched + tempered