

# APPROVAL OF MANUFACTURER CERTIFICATE

**This is to certify:**

**That**

**Forgital Italy S.p.A.  
Seghe di Velo d'Astico (VI), Italy**

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 and carbon-manganese, Alloy, Austenitic stainless, 2 2Cr duplex stainless, 25Cr duplex stainless</b>
<b>Max. weight</b>	<b>30 000 kg for carbon an carbon-manganese, Alloy and Austenitic stainless, 3 000 kg for 22Cr and 25Cr duplex stainless</b>
<b>Delivery Condition</b>	<b>See particulars of the approval</b>
<b>Remarks</b>	<b>Including grades acc. to international standards, 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 **2017-04-11**

for **DNV GL**

This Certificate is valid until **2020-06-30**.

DNV GL local station: **Venice**

Approval Engineer: **Gabi Dau**

**Thorsten Lohmann  
Head of Section**



Job Id: **263.11-007350-1**  
Certificate No: **AMMM00001BB**

## Particulars of the approval

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### Forgings

Standard	Forging method <sup>1)</sup>	Max. weight [kg]	Max. diameter / section [mm]	Delivery condition <sup>2)</sup>
10083-3 <sup>3)</sup>	OD	30 000	-	N or QT
10250-3 <sup>3)</sup>	OD	30 000	-	N or QT
10083-3 <sup>3)</sup>	RR	30 000	7 000	N or QT
10250-3 <sup>3)</sup>	RR	30 000	7 000	N or QT

#### Remarks:

- 1) OD: Open die forging  
RR: Ring Rolling
- 2) N: Normalised  
QT: Quenched and tempered
- 3) Certification of any material applied to classed object shall fulfill the applicable material requirements in the DNV GL class rules