

# APPROVAL OF MANUFACTURER CERTIFICATE

**This is to certify:**

**That**

**Komas Oy Takomo**  
**Jyväskylä, Finland**

is an approved manufacturer of  
**Steel Forgings**

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

and the following particulars:

<b>Steel type</b>	<b>Alloy</b>
<b>Max. weight</b>	<b>5 000 kg</b>
<b>Remarks</b>	<b>Including forgings of "CrNiMo steels with approved process" for gears, see details on 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 **2019-06-30**.

Issued at **Høvik** on **2015-09-07**

for **DNV GL**

DNV GL local station: **Tampere**

Approval Engineer: **Sastry Yagnanna Kandukuri**

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

Job Id: **263.11-005062-1**  
Certificate No: **AMMM000003Y**

## **Particulars of the approval**

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Separate forgings forged according to a specially approved process, are qualified as "*CrNiMo steels with approved process*" with respect to fatigue endurance limits for gears. Ref. DNV Classification Notes No. 41.2, and ref. DNV rules Pt. 4, Ch. 2, Sec. 3, and Pt. 4, Ch. 4, Sec. 2.