

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:**That****voestalpine Giesserei Traisen GmbH**
Mariazeller Strasse 75, 3160 Traisen, Austriais an approved manufacturer of
Steel Castingsin accordance with
DNV GL rules for classification – Ships

and the following particulars:

Steel type(s)	Carbon and carbon-manganese, Alloy
Max. weight	9 000 kg

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 **2016-12-02**This Certificate is valid until **2019-12-31**.
DNV GL local station: **Essen**Approval Engineer: **Christian Wildhagen**for **DNV GL**

Thorsten Lohmann
Head of Section