

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

Hauck Heat Treatment Süd GmbH
Lindenmaierstrasse 19, 88471 Laupheim,
Germany

is an approved manufacturer of
Manufacture of heat treated products - Heat treatment workshop

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Heat treatment workshop
Heat treatment process	See page 2
Product type	Steel Forgings
Steel type	Carbon and carbon-manganese, Alloy
Max. Weight	2 500 kg
Max. wall thickness	300 mm
Remarks	Approved as Independent Heat Treatment Company, see page 2

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 **2018-11-02**

This Certificate is valid until **2021-11-01**.
DNV GL local station: **Augsburg**

Approval Engineer: **Christian Wildhagen**



for **DNV GL**
Digitally Signed By: Roehr, Stefan
Location: DNV GL Hamburg, Germany
Signing Date: 2018-11-02 , on behalf of

Thorsten Lohmann
Head of Section

