

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000W7
Revision No:
1

This is to certify:

That
**Dongbei Special Steel Group
Dalian Special Steel Co., Ltd.
Dalian, China**

is an approved manufacturer of
Steel Forgings

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Steelmaking	Basic Oxygen Converter, Ingot Casting
Desoxidation	Killed
Steel type(s)	Carbon, Carbon-Manganese Steel grades Alloy Steel grades
Max. weight	60000 kg (Carbon, Carbon-Manganese Steel grades) 20000 kg (Alloy Steel grades)
Max. thickness	900 mm (Carbon, Carbon-Manganese Steel grades) 600 mm (Alloy Steel grades)
Delivery Condition	Normalized, Normalized and Tempered, Quenched and Tempered

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 **2016-12-06**

for **DNV GL**

This Certificate is valid until **2019-08-31**.

DNV GL local station: **Dalian**

Approval Engineer: **Stefan Röhr**

Thorsten Lohmann
Head of Section