

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000016G
Revision No:
1

This is to certify:

That

**Deutsche Edelstahlwerke Specialty Steel GmbH & Co. KG
Hagen Works
Hagen, Germany**

is an approved manufacturer of
Rolled Steel Products

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Product Grade(s)	Steel Wire and semi-finished Wire Carbon and Carbon-Manganese Steels, Alloy, Ferritic Stainless, Martensitic Stainless, Austenitic Stainless, VL K1, VL K2 and VL K3, Nickel-Molybdenum-Steel
Delivery conditions	See page 2
Max. diameter	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 **2019-07-12**

This Certificate is valid until **2022-05-31**.

DNV GL local station: **Essen**

Approval Engineer: **Stefan Röhr**



for **DNV GL**
Digitally Signed By: Wildhagen, Christian
Location: DNV GL Hamburg, Germany
Signing Date: 2019-07-12, on behalf of

Thorsten Lohmann
Head of Section



Job Id: 263.11-005688-3
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Particulars of the approval

Steel Wire and semi-finished Wire

Grade	Max. diameter [mm]	Heat treatment condition ²⁾
Carbon and Carbon-Manganese	30	acc. to standard
Alloy		
Ferritic Stainless		
Martensitic Stainless		
Austenitic Stainless		
VL K1, VL K2 and VL K3		
Nickel-Molybdenum-Steel grades acc. to DIN 17115		