



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000016G
Revision No:
2

This is to certify:

That

Deutsche Edelstahlwerke Specialty Steel GmbH & Co. KG
Hagen Works
Schwanenstraße 8, 58089 Hagen, Germany

is an approved manufacturer of
Rolled Steel Products

in accordance with
DNV rules for classification – Ships

and the following particulars:

| | |
|---------------------------------|---|
| Product | Steel Wire and semi-finished wire |
| Steel Grade(s) | Carbon and Carbon-Manganese, Alloy, Ferritic Stainless, Martensitic Stainless, Austenitic Stainless, NV K1, NV K2 and NV K3, Nickel-Molybdenum-Steel |
| Heat treatment condition | 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 classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2022-10-26**

for **DNV**

This Certificate is valid until **2025-05-31**.

DNV local unit: **Essen**

Approval Engineer: **Stefan Röhr**

Thorsten Lohmann
Head of Section

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Particulars of the approval

Steel Wire and semi-finished Wire

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