DNV·GL

Certificate No:
TAW0000031

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrode

with trade name
Optimal

Manufacturer
Kjellberg Finsterwalde Elektroden und Zusatzwerkstoffe GmbH
MASSEN, Germany

is found to comply with
Det Norske Veritas' Rules for Classification PT.2

with this approval

Grade	**2 YH15**
Current	**DC(-)**
Approved diameter	**1.6 mm - 4.0 mm**
Positions	**All**
Remarks	**-**

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2019-07-07**.

Issued at **Høvik** on **2015-07-08**

for **DNV GL**

DNV GL local station: **Hamburg**

Approval Engineer: **Mukesh Kumar**

Hanne Anita Hjerpetjønn
Head of Section

Any significant change in design or construction may render this Certificate invalid.

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