

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Electrode**

with trade name
OK 61.80

Manufacturer
ESAB AB
PERSTORP, Sweden

is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	VL 347
Current	AC/DC(+)
Approved diameter	2.5 mm - 5.0 mm
Positions	All
Remarks	Impact energy min 33J at - 60°C

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

This Certificate is valid until **2021-03-14**.

Issued at **Høvik** on **2016-03-15**

DNV GL local station: **Gothenburg**

Approval Engineer: **Maxim Bobrov**

for **DNV GL**

Hanne Anita Hjerpetjonn
Head of Section

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