

TYPE APPROVAL CERTIFICATE

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

with trade name
OK 48.04

Manufacturer
ESAB AB
PERSTORP, Sweden

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

with this approval

Grade	3 YH5
Current	AC/DC(±)
Approved diameter	2.5 mm - 5.0 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 **2020-12-31**.

Issued at **Høvik** on **2016-01-01**

DNV GL local station: **Gothenburg**

Approval Engineer: **Maxim Bobrov**

for **DNV GL**

Hanne Anita Hjerpetjønn
Head of Section

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