

TYPE APPROVAL CERTIFICATE**This is to certify:****That the Electrode**with trade name
SPEZIAL

Manufacturer

Oerlikon Kaynak Elektrodleri ve Sanayi A.S.
Manisa, Turkey

is found to comply with

DNV GL rules for classification – Ships**DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables**

with this approval

Grade	3 YH10
Current	DC(+)
Approved diameter	2.0 mm - 5.0 mm
Positions	All, except vertical downwards
Remarks	

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2018-07-31**This Certificate is valid until **2021-12-31**.DNV GL local station: **Istanbul**Approval Engineer: **Ludger Hachmöller**for **DNV GL**.....
Thorsten Lohmann
Head of Section

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

