

TYPE APPROVAL CERTIFICATE**This is to certify:****That the Electrode**with trade name
Eurotrod BN18Manufacturer
Electro Portugal, Lda
Forte da Casa, Portugalis 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
Current	DC(+)
Approved diameter	4,0 mm - 5,0 mm
Positions	All, except vertical downwards
Remarks	Also for welding of steel grades up to VL E36 with $C_{eq} \leq 0.41$

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2017-06-27**for **DNV GL**This Certificate is valid until **2022-06-26**.DNV GL local station: **Lisbon**Approval Engineer: **Ludger Hachmöller**

Thorsten Lohmann
Head of Section

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

