

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrode

with trade name
Phoenix 120 K

Manufacturer

voestalpine Böhler Welding Austria GmbH
KAPFENBERG, Austria

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

with this approval

Grade	3 YH5
Current	AC, DC +
Approved diameter	2,0 - 6,0mm
Positions	All, except vertical down
Remarks	---

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

This Certificate is valid until **2021-10-25**.

Issued at **Hamburg** on **2016-10-26**

DNV GL local station: **Augsburg**

Approval Engineer: **Hans-Joachim Vogt**

for **DNV GL**

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Thorsten Lohmann
Head of Section

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