

TYPE APPROVAL CERTIFICATE

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

with trade name
PHOENIX CEL 70

Manufacturer

voestalpine Böhler Welding Austria GmbH
Kapfenberg, Austria

is found to comply with

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

with this approval

Grade	3
Current	DC(+)
Approved diameter	2,5 mm - 5,0 mm
Positions	All, including 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 **2017-12-21**

This Certificate is valid until **2022-12-20**.

DNV GL local station: **Augsburg**

Approval Engineer: **Dietmar Liebich**

for **DNV GL**

.....
Thorsten Lohmann
Head of Section

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



Form code: WELD 1421a

Revision: 2016-12

www.dnvgl.com

Page 1 of 1

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.