

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name

BÖHLER CN 23/12 Mo-FD/ M21

Manufacturer

**voestalpine Böhler Welding Austria GmbH
KAPFENBERG, Austria**

is found to comply with

DNV GL rules for classification – Ships

with this approval

Grade	VL 309MoL
Current	DC +
Approved diameter	0,9 - 1,6mm
Positions	PA, PB, PC, PF (1G, 1F, 2F, 2G, 3Gu, 3Fd)
Remarks	Impact test at - 60°C average value > 34 Joule

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

This Certificate is valid until **2020-10-20**.

Issued at **Hamburg** on **2015-10-21**

DNV GL local station: **Augsburg**

Approval Engineer: **Hans-Joachim Vogt**

for **DNV GL**

Marcus von Busch
Head of Section

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