

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Gas combination**with trade name
Union K Nova Ni / M21

Manufacturer

**voestalpine Böhler Welding Germany GmbH
Hamm, Germany**is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	IV Y46MS
Current	DC +
Approved diameter	1,0 - 1,2mm
Positions	All except vertical down.
Remarks	For Gas metal arc welding (GMAW)

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2020-12-31**.Issued at **Hamburg** on **2016-08-03**DNV GL local station: **Essen**for **DNV GL**Approval Engineer: **Dietmar Liebich**

**Thorsten Lohmann
Head of Section**

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