

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Metal Cored Wire/Gas combination

with trade name
diamondspark GUARD 420 MC / M21

Manufacturer
Voestalpine Böhler Welding Fileur S.r.l.
Cittadella PD, Italy

is found to comply with
DNV rules for classification – Ships
DNV class programme DNV-CP-0069 – Type approval – Welding consumables

with this approval

Grade	IV YMS(H5)
Current	DC(+)
Approved diameter	1.0 mm - 1.6 mm
Positions	All, incl. vertical downwards
Remarks	Max. dia. 1.2 mm for vertical upwards, vertical downwards and overhead position Also for fillet welding

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

Issued at **Hamburg** on **2023-12-04**

This Certificate is valid until **2028-12-03**.

DNV local unit: **Italy/Malta CMC**

for **DNV**

Approval Engineer: **Ludger Hachmöller**

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