



Certificate no.:
TAW00005VV

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Gas combination

with trade name
ED-SG3 / M21

Manufacturer

Hermann Fliess & Co. GmbH
Duisburg, Germany

is found to comply with

DNV rules for classification – Ships

DNV offshore standards

DNV class programme DNV-CP-0069 – Type approval – Welding consumables

with this approval

Grade IV Y40MS

Current DC(+)

Approved diameter 0.8 mm - 1.6 mm

Positions diameter 0.8 mm - 1.2 mm: Flat, horizontal, vertical upwards, overhead
diameter 0.8 mm - 1.6 mm: Flat and horizontal

Remarks 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 **2025-01-09**

This Certificate is valid until **2030-01-08**.

for **DNV**

DNV local unit: **Essen**

Approval Engineer: **Ludger Hachmöller**

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

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