



Certificate no.:
TAW000061G

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Feedstock / Gas combination

with trade name
WireWorks C1 / M20

Manufacturer
Valk Welding B.V.
Alblasserdam, Zuid-Holland, Netherlands

is found to comply with
DNV rules for classification – Ships
DNV class programme DNV-CP-0291 – Type approval – Additive manufacturing feedstock

with this approval

Associated Grade	NV F-AM-SR-WAAM-510S-2 and NV F-AM-A-WAAM-510S-2
Current	DC (+)
Approved diameter	1.2 mm
Positions	PA (1G)
Remarks	WAAM by DED of solid wire, deposited metal min. 34J at -20°C Wire: Only valid for lot numbers starting with C1

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

Issued at **Hamburg** on **2025-09-15**

This Certificate is valid until **2030-09-14**.

for **DNV**

DNV local unit: **Netherlands CMC**

Approval Engineer: **Eva Junghans**

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

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