



Certificate no.:
TAW00005TV

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Gas combination

with trade name
NMS ZERON 100 / M12

Manufacturer
NOVAMETAL SA.
Rancate, TI, Switzerland

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	*
Current	DC(+)
Approved diameter	1.2 mm
Positions	Flat
Remarks	*) For GMAW welding of ferritic-austenitic (Duplex) stainless steels (UNS S32750, 1.4410) M12 acc. to ISO 14175 Impact test at -50°C average value > 27J Wire: Only valid for lot numbers starting with 30

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

Issued at **Hamburg** on **2024-09-09**

This Certificate is valid until **2029-09-08**.

for **DNV**

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

Approval Engineer: **Ludger Hachmöller**

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

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