

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Wire/Gas combination

with trade name
TMW25Mn / I1

Manufacturer

Wuhan TEMO Welding Consumables Co., Ltd.
WUHAN, QINGSHAN, China

is found to comply with

DNV rules for classification – Ships

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

with this approval

Grade	*
Current	DC(-)
Approved diameter	2.4 mm
Positions	All, except vertical downwards
Remarks	*) For High Manganese austenitic steels
	Manufacturer guaranteed:
	Yield strength min. 400 MPa
	Tensile strength min. 680 MPa
	Elongation min. 22%,
	Impact energy min. 27J (AV) at test temp. -196°C
	Also for fillet welding

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

Corrosion test to be evaluated case by case together with specific project/base material.

Issued at **Hamburg** on **2024-04-26**

This Certificate is valid until **2029-04-25**.

for **DNV**

DNV local unit: **Wuhan NB & CMC**

Approval Engineer: **Ludger Hachmöller**

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

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