



Certificate No:
TAW00005H9

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
HF-50NiM / M21

Manufacturer
Xinxiang Heguang Technology Co. Ltd.
Xinxiang, Henan, 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	V Y46MS(H5)
Current	DC(+)
Approved diameter	1.0 mm - 1.6 mm
Positions	All, except vertical-downwards
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 **2023-09-01**

This Certificate is valid until **2028-08-31**.

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

Approval Engineer: **Ludger Hachmöller**

for **DNV**

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Thorsten Lohmann
Head of Section

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

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