



Certificate no.:
TAW000069A

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Flux Cored Wire/Gas combination

with trade name
SM-65A / M21

Manufacturer

NIPPON STEEL WELDING & ENGINEERING CO.,LTD., Narashino Plant
Narashino, Chiba Pref., Japan

is found to comply with

DNV rules for classification – Ships

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

with this approval

Grade	IV Y55MS(H5)
Current	DC(+)
Approved diameter	1.2 mm
Positions	Flat, horizontal and vertical-upwards
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 **2026-08-11**

This Certificate is valid until **2031-08-10**.

for **DNV**

DNV local unit: **Japan CMC**

Approval Engineer: **Jens Hörnschemeyer**

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

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