



Certificate No:
TAW000050F

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas/Backing combination

with trade name
SF-3M / C1 / SB-41

Manufacturer

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

is found to comply with

DNV GL rules for classification – Ships

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

with this approval

Grade	IV Y40MS(H5)
Current	DC(+)
Approved diameter	1.2 mm
Positions	Flat, horizontal and vertical upwards
Remarks	For one-side welding

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

Issued at **Hamburg** on **2021-09-24**

This Certificate is valid until **2026-09-23**.

DNV local station: **Yokohama**

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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