

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas/Backing combination

with trade name
SF-3 / 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	III YMS(H5)
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	Flat and vertical upwards
Remarks	One-side welding on backing SB-41

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

Issued at **Hamburg** on **2021-02-11**

This Certificate is valid until **2026-02-10**.

DNV GL local station: **Yokohama**

for **DNV GL**

Approval Engineer: **Hans-Joachim Vogt**

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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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