



COPY

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW000007Z
Revision No:
4

This is to certify:

that the Flux Cored Wire/Gas combination

with trade name
SF-1E / C1

Manufacturer
NIPPON STEEL WELDING & ENGINEERING CO., LTD. Hikari Plant
Hikari, Yamaguchi 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	III Y40MS(H5)
Current	DC(+)
Approved diameter	1.0 mm - 1.4 mm
Positions	All, incl. 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 **2026-02-18**

This Certificate is valid until **2030-12-14**.

DNV local unit: **Japan CMC**

Approval Engineer: **Ludger Hachmöller**

for **DNV**



Digitally Signed By:
Ludger Hachmöller
Location: **DNV Hamburg,**
Germany

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

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