Certificate No:
TAW00005HK

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
SF-3M / C1

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 Y40MS(H5)**
Current	**DC(+)**
Approved diameter	**1.2 mm - 1.4 mm**
Positions	**All, incl. vertical downwards**
Remarks	**Also for fillet welding** **1.2 mm wire size for vertical downwards position only**

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

Issued at **Hamburg** on **2023-10-20**
This Certificate is valid until **2028-10-19**.
DNV local unit: **Japan CMC**

Approval Engineer: **Ludger Hachmöller**

for **DNV**

Thorsten Lohmann
Head of Section

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