

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
NSSW SF-3AM / M21

Manufacturer

Nippon Steel & Sumikin Welding Co., Ltd., Chiba Plant
Narashino Chiba Pref., Japan

is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	V Y46MS H5
Current	DC +
Approved diameter	1.2 - 1.4mm
Positions	All, except vertical-down
Remarks	Also for VL 2-4L and VL 4-4L

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

This Certificate is valid until **2021-10-23**.

Issued at **Hamburg** on **2016-10-24**

DNV GL local station: **Yokohama**

Approval Engineer: **Hans-Joachim Vogt**

for **DNV GL**

Thorsten Lohmann
Head of Section

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