

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
NSSW SM-3A/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	IV Y40MSH5
Current	DC +
Approved diameter	1,2 - 1,4mm
Positions	All, including vertical down
Remarks	---

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-12-06**.Issued at **Hamburg** on **2016-12-07**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.