

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
NSSW SM-47A / 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 Y46MSH5**Current** DC +**Approved diameter** 1,2 - 1,4mm**Positions** All, except vertical-down**Remarks** *) M21 (> 5% to 25% CO₂, rest Argon) according to IACS UR W17.
Also for fillet welding.**Product(s) approved by this certificate is/are accepted for installation on all vessels classed
by DNV GL.**Issued at **Hamburg** on **2017-02-09**This Certificate is valid until **2019-12-17**.DNV GL local station: **Yokohama**for **DNV GL**Approval Engineer: **Hans-Joachim Vogt****Thorsten Lohmann
Head of Section**