

COPY

DNV GL

Certificate No:
TAW00002C3

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**
Digitally Signed By: Roehr, Stefan
Location: DNV GL Hamburg, Germany
Signing Date: 2016-12-07 , on behalf of

Thorsten Lohmann
Head of Section

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