

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
NSSW SF-1A / M21

Manufacturer

Nippon Steel & Sumikin Welding Co., Ltd. Hikari Plant
Hikari Yamaguchi Pref., Japan

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

with this approval

Grade	III Y40MSH5
Current	DC +
Approved diameter	1,2 - 1,6mm
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 **2022-01-01**.

Issued at **Hamburg** on **2017-01-02**

DNV GL local station: **Hiroshima**

Approval Engineer: **Hans-Joachim Vogt**

for **DNV GL**

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Thorsten Lohmann
Head of Section

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