

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**DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables**

with this approval

Grade	III Y40MS(H5)
Current	DC(+)
Approved diameter	1,0mm - 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 **2017-08-02**DNV GL local station: **Hiroshima**for **DNV GL**Approval Engineer: **Hans-Joachim Vogt**

Thorsten Lohmann
Head of Section

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