

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas/Backing combination

with trade name

NSSW SF-1/C1/NSSW SB-41

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	II YMS
Current	DC(+)
Approved diameter	1.0 - 1.6 mm
Positions	Flat, vertical upwards and horizontal
Remarks	---

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2021-12-31**.

Issued at **Hamburg** on **2017-05-08**

DNV GL local station: **Hiroshima**

for **DNV GL**

Approval Engineer: **Ludger Hachmöller**

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Thorsten Lohmann
Head of Section

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