

COPY

DNV·GL

Certificate No:
TAW0000453

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
NSSW SF-3E / C1

Manufacturer

**Nippon Steel & Sumikin Welding Co. Ltd., Chiba Plant
Narashino, Chiba 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	IV Y42MS(H5)
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	All, except vertical downwards
Remarks	Also for fillet welding. Minimum elongation 22%.

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

Issued at **Hamburg** on **2019-01-24**

This Certificate is valid until **2023-12-31**.
DNV GL local station: **Yokohama**

Approval Engineer: **Ludger Hachmöller**



for **DNV GL**
Digitally Signed By: **Wenning, Martin**
Location: **DNV GL Hamburg, Germany**
Signing Date: **2019-01-24, on behalf of**

Thorsten Lohmann
Head of Section

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



Form code: **WELD 1421a**

Revision: **2016-12**

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