

COPY

DNV·GL

TYPE APPROVAL CERTIFICATE

Certificate No:
TAW00000J0
Revision No:
1

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
NSSW SF-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
DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables**

with this approval

| | |
|--------------------------|--|
| Grade | IV Y42MS(H5) |
| Current | DC(+) |
| Approved diameter | 1.2mm - 1.6mm |
| Positions | All, including vertical-downwards |
| Remarks | --- |

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

Issued at **Hamburg** on **2017-09-06**

This Certificate is valid until **2020-12-31**.
DNV GL local station: **Yokohama**

Approval Engineer: **Hans-Joachim Vogt**



for **DNV GL**
Digitally Signed By: Hachmoeller, Ludger
Location: DNV GL Hamburg, Germany
Signing Date: 2017-09-11 , 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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Page 1 of 1

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