

COPY

DNV·GL

Certificate No:
TAW00003AG

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
NSSW SF-3AMSR / M21

Manufacturer

**Nippon Steel & Sumikin Welding Co. Ltd., Chiba Plant
Kashiwa-city, 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
Positions	All, except vertical downwards
Remarks	Also for fillet welding. Also for welding where PWHT is required.

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

Issued at **Hamburg** on **2017-10-16**

This Certificate is valid until **2022-06-30**.

DNV GL local station: **Yokohama**

Approval Engineer: **Ludger Hachmöller**



for **DNV GL**

Digitally Signed By: Wildhagen, Christian
Location: DNV GL Hamburg, Germany
Signing Date: 2017-10-16 , on behalf of

Thorsten Lohmann
Head of Section

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



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