

TYPE APPROVAL CERTIFICATE

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)
Narashino Chiba Pref., Japan**is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	IV Y42MS(H5)
Current	DC(+)
Approved diameter	1.2 mm
Positions	All
Remarks	-

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2020-12-31**.Issued at **Høvik** on **2015-11-02**DNV GL local station: **Yokohama**Approval Engineer: **Maxim Bobrov**for **DNV GL**

Hanne Anita Hjerpetjønn
Head of Section

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