

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Flux/Backing combination**

with trade name

NSSW Y-DL(x3) / NSSW NSH-50M / NSSW NSH-1RM

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	II Y
Current	AC
Approved diameter	4.8 mm - 6.4 mm
Positions	Flat
Remarks	One-side, multi-arc one-run welding. $t \leq 40\text{mm}$

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-06-30**.Issued at **Høvik** on **2016-07-01**for **DNV GL**DNV GL local station: **Yokohama**Approval Engineer: **Maxim Bobrov**

Hanne Anita Hjerpetjønn
Head of Section

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