

TYPE APPROVAL CERTIFICATE

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

with trade name

NSSW Y-DL(x4)/NSSW YK-D/NSSW NSH-5ER/ NSSW NSH-1RM

Manufacturer

**Nippon Steel & Sumikin Welding Co. Ltd., Chiba Plant
(Narashino)
Narashino Chiba Pref., Japan**

is found to comply with

Det Norske Veritas' Rules for Classification PT.2

with this approval

Grade	III Y40
Current	AC
Approved diameter	4.8 mm and 6.4 mm(x 3)
Positions	Flat
Remarks	For one-side, multi-arc one-run welding. $t \leq 40$ mm

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2019-08-23**.Issued at **Høvik** on **2015-08-24**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.