

TYPE APPROVAL CERTIFICATE

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

with trade name

NSSW Y-DL(x2) / NSSW NSH-55ER / NSSW NSH-1RM

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 III Y**Current AC****Approved diameter 4.8 mm - 6.4 mm****Positions Flat****Remarks For one-side, one-run multi-arc welding. Max. thickness t=25mm****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2018-09-12**This Certificate is valid until **2023-09-11**.DNV GL local station: **Yokohama**for **DNV GL**Approval Engineer: **Hans-Joachim Vogt**

**Thorsten Lohmann
Head of Section**