

TYPE APPROVAL CERTIFICATE

This is to certify:

That the **Wire/Flux/Backing combination**

with trade name

Y-DL(x2) / NSH-50M / NSH-1RM

Manufacturer

NIPPON STEEL WELDING & ENGINEERING CO.,LTD., Narashino Plant
Narashino, Chiba Pref., Japan

is found to comply with

DNV rules for classification – Ships

DNV class programme DNV-CP-0069 – Type approval – Welding consumables

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 ≤ 25 mm

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

Issued at **Hamburg** on **2023-08-03**

This Certificate is valid until **2028-08-02**.

DNV local unit: **Japan CMC**

Approval Engineer: **Ludger Hachmöller**

for **DNV**

Thorsten Lohmann
Head of Section

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

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