



COPY

TYPE APPROVAL CERTIFICATE

Certificate No:
TAW000030J
Revision No:
1

This is to certify:

That the Wire/Flux combination

with trade name
Y-80J / NB-250J

Manufacturer

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

is found to comply with

with this approval

Grade	V Y69M(H5)
Current	AC/DC(+)
Approved diameter	3.2 mm - 4.0 mm
Positions	Flat
Remarks	-

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

Issued at **Hamburg** on **2023-03-21**

This Certificate is valid until **2027-06-30**.

DNV local unit: **Yokohama**

Approval Engineer: **Dietmar Liebich**



for DNV

Digitally Signed By: Dau, Gabi
Location: DNV Hamburg, Germany
Signing Date: 22.03.2023 , on behalf of

Thorsten Lohmann
Head of Section

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

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



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Revision: 2022-12

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