



## TYPE APPROVAL CERTIFICATE

Certificate No: TAW00002B6 Revision No:

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name SF-1A / M21

Manufacturer

## NIPPON STEEL WELDING & ENGINEERING CO., LTD. Hikari Plant

Hikari, Yamaguchi 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 Y40MS(H5)

Current

DC(+)

Approved diameter

1.0 mm - 1.6 mm

Positions Remarks All, including vertical downwards

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

Issued at Hamburg on 2021-09-27

This Certificate is valid until 2026-09-26.

DNV local station: Kobe

Approval Engineer: Ludger Hachmöller

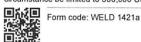


for DNV
Digitally Signed By: Dau, Gabi
Location: DNV Hamburg, Germany
Signing Date: 2021-09-28, on behalf of

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.



m code: WELD 1421a Revision: 2021-03

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