

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrode

with trade name
EX-4

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	2
Current	AC/DC(-)
Approved diameter	Max. 7.0 mm
Positions	Flat
Remarks	Incl. gravity welding

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

Issued at **Hamburg** on **2019-06-18**

This Certificate is valid until **2024-06-17**.

DNV GL local station: **Hiroshima**

Approval Engineer: **Ludger Hachmöller**

for **DNV GL**

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Thorsten Lohmann
Head of Section

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



Form code: WELD 1421a

Revision: 2016-12

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