DNV·GL

Certificate No:
TAW00004TT

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
FC-9NI / C1

Manufacturer
NIPPON STEEL WELDING & ENGINEERING CO.,LTD., Narashino 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	**- MS**
Current	**DC(+)**
Approved diameter	**1.2 mm**
Positions	**All, except vertical downwards**
Remarks	**For welding of VL 9Ni,** **Impact test at -196°C,** **Also for fillet welding,** **Minimum yield and tensile strength of the weld metal: 420 / 690 N/mm²**

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

Issued at **Hamburg** on **2020-11-26**
This Certificate is valid until **2025-11-25**.
DNV GL local station: **Yokohama**

for **DNV GL**

Approval Engineer: **Hans-Joachim Vogt**

Thorsten Lohmann
Head of Section

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