

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrogas

with trade name
YM-55H / EG-3T/ C1 / SB-60VT

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	IV Y40
Current	DC(+) for EG-3T, DC(-) for YM-55H
Approved diameter	1.6 mm
Positions	Vertical-upwards
Remarks	Tandem welding with solid wire YM-55H (root side) and flux-cored wire EG-3T (surface side) and ceramic backing SB-60VT

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

Issued at **Hamburg** on **2021-09-23**

This Certificate is valid until **2026-09-22**.

DNV local station: **Yokohama**

Approval Engineer: **Ludger Hachmöller**

for **DNV**

.....
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.

