

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Electrogas**

with trade name

DW-S50GTF/ DW-S50GTR/ KL-4/ C1

Manufacturer

**Kobe Steel, Ltd. Ibaraki Plant
Ibaraki Osaka Pef, 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(±)
Approved diameter	1,6 mm
Positions	Vertical upwards
Remarks	t ≤ 80 mm

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2017-07-19**This Certificate is valid until **2022-07-18**.DNV GL local station: **Kobe**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.

Form code: WELD 1421a

Revision: 2016-12

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