DNV·GL

Certificate No:
TAW00001Y3

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrogas

with trade name
FAMILIARC™ DW-S1LG / C1 / KL-4

Manufacturer
Kobe Steel, Ltd. Ibaraki Plant
Ibaraki Osaka Pef, Japan

is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	**V Y40**
Current	**DC+**
Approved diameter	**1.6mm**
Positions	**PF (3Gup)**
Remarks	**Electrogas arc welding in vertical-up position with backing material KL-4**

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

This Certificate is valid until **2021-08-07**.

Issued at **Hamburg** on **2016-08-08**
DNV GL local station: **Kobe**

for **DNV GL**

Approval Engineer: **Dietmar Liebich**

Thorsten Lohmann
Head of Section

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

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