

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Gas combination**with trade name
T-309L / I1

Manufacturer

Kiswel Ltd. (Changwon)
Changwon-si, Gyeongsangnam-do, Republic of Korea

is found to comply with

DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables
DNV GL rules for classification – Ships

with this approval

Grade	VL 309 L
Current	DC(-)
Approved diameter	1.2 mm - 3.2 mm
Positions	All, incl. vertical downwards
Remarks	Test temp. -196°C

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2018-07-12**This Certificate is valid until **2023-07-11**.DNV GL local station: **Gimhae Station**for **DNV GL**Approval Engineer: **Dietmar Liebich**

Thorsten Lohmann
Head of Section

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

Form code: WELD 1421a

Revision: 2016-12

www.dnvgl.com

Page 1 of 1