

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
K-316LS / CO2

Manufacturer

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

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	VL 316L
Current	DC (+)
Approved diameter	1,2mm
Positions	Flat, horizontal and vertical-upwards
Remarks	Impact test at -196°C average value > 34 Joule

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2017-04-24**This Certificate is valid until **2022-04-23**.DNV GL local station: **Gimhae Station**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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