

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Flux combination**with trade name
KD-50 / EF-100

Manufacturer

Kiswel Ltd. (Changwon)
Changwon-si Gyeongsangnam-do, Republic of Koreais found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	II YTM
Current	AC/DC(+)
Approved diameter	2.0 mm - 6.0 mm
Positions	Flat
Remarks	-

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-06-30**.Issued at **Høvik** on **2016-07-01**DNV GL local station: **Gimhae MC & FIS**Approval Engineer: **Maxim Bobrov**for **DNV GL**

Hanne Anita Hjerpetjønn
Head of Section

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