

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Flux combination

with trade name
KD-50/EF-100H

Manufacturer

Kiswel Ltd. (Changwon)
KYUNGNAM, Republic of Korea

is found to comply with
Det Norske Veritas' Rules for Classification PT.2

with this approval

Grade	III YM / II YT
Current	AC/DC(+)
Approved diameter	2.0 mm - 6.0 mm
Positions	Flat
Remarks	Both for single wire and tandem wires. For tandem welding a multi-run technique only.

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

This Certificate is valid until **2019-06-30**.

Issued at **Høvik** on **2015-09-18**

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.