

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Flux combination**with trade name
TSW-12KM/TF-565

Manufacturer

Tien Tai Electrode Co. Ltd.
Tainan, Taiwanis found to comply with
Det Norske Veritas' Rules for Classification PT.2

with this approval

Grade	III YM(H5)
Current	DC(+)
Approved diameter	-
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 **2019-07-13**.Issued at **Høvik** on **2015-07-14**DNV GL local station: **Kaohsiung**Approval Engineer: **Mukesh Kumar**for **DNV GL**

Hanne Anita Hjerpetjonn
Head of Section

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