

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Wire/Flux/Backing Flux

with trade name

TGM-51(x3)/TGF-55E(front flux)/TGF-B(backing flux)

Manufacturer

Wuhan Tiangao Welding Co., Ltd.
Wuhan, China

is found to comply with

DNV GL rules for classification – Ships

with this approval

Grade	III Y
Current	AC/DC(+)
Approved diameter	4.8mm-6.4mm
Positions	Flat
Remarks	One side-one run, Weld with 3 wire/ Thickness=30mm

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

This Certificate is valid until **2021-04-26**.

Issued at **Høvik** on **2016-04-27**

DNV GL local station: **Wuhan CMC**

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.