

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Electrode**

with trade name
Gemini 7018-1

Manufacturer

Gemini (Thailand) Co. Ltd.
Muang Samutprakarn, Thailand

is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	4 YH10
Current	AC , DC +
Approved diameter	2.6 - 5.0mm
Positions	All except vertical-down
Remarks	Also for fillet weld

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

This Certificate is valid until **2021-12-31**.

Issued at **Hamburg** on **2017-01-01**

DNV GL local station: **Bangkok**

Approval Engineer: **Hans-Joachim Vogt**

for **DNV GL**

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Thorsten Lohmann
Head of Section

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