

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrode

with trade name
Wipweld 1100

Manufacturer

Welding Industries of the Philippines Inc.
MANILA, Philippines

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

with this approval

Grade	3
Current	AC , DC+
Approved diameter	3,2 - 5,0mm
Positions	All except vertical-down
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 **Hamburg** on **2016-11-02**

DNV GL local station: **Manila**

Approval Engineer: **Dietmar Liebich**

for **DNV GL**

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Thorsten Lohmann
Head of Section

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