

TYPE APPROVAL CERTIFICATE

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

with trade name
Excalibur 11018M MR

Manufacturer
Lincoln Electric Company
CLEVELAND, OH, USA

is found to comply with
DNV GL rules for classification – Ships
DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables

with this approval

Grade	4 Y62H5
Current	DC(+)
Approved diameter	2.4 mm - 4.8 mm (3/32 in. - 3/16 in.)
Positions	All, except vertical downwards
Remarks	----

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

Issued at **Hamburg** on **2020-04-02**

This Certificate is valid until **2025-04-01**.

DNV GL local station: **Houston**

for **DNV GL**

Approval Engineer: **Hans-Joachim Vogt**

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Thorsten Lohmann
Head of Section

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



Form code: WELD 1421a

Revision: 2016-12

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