

TYPE APPROVAL CERTIFICATE

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

with trade name

Excalibur 10018-D2 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	3 Y62H5
Current	AC/DC(+)
Approved diameter	2.4 - 4.0 mm (3/32 - 5/32 inch)
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 **2018-12-11**This Certificate is valid until **2023-06-30**.for **DNV GL**DNV GL local station: **Certification & Inspection Services**Approval Engineer: **Ludger Hachmöller****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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