

TYPE APPROVAL CERTIFICATE

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

with trade name
Mangalam E7018

Manufacturer

Malu Electrodes Pvt. Ltd.
NAGPUR MAHARASHTRA, India

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 Y40H5
Current	AC/DC
Approved diameter	2.5 mm – 5.0 mm
Positions	All, except vertical downwards
Remarks	Also for fillet welding

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

Issued at **Hamburg** on **2018-01-19**

This Certificate is valid until **2022-12-31**.

DNV GL local station: **Mumbai CMC**

Approval Engineer: **Ludger Hachmöller**

for **DNV GL**

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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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Page 1 of 1

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