

TYPE APPROVAL CERTIFICATE

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

with trade name

EL KADESIA IM - E7018-1

Manufacturer

**Kadesia Engineering Industries Böhler Egypt
Heliopolis, Egypt**

is found to comply with

DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables**DNV GL rules for classification – Ships**

with this approval

Grade 3 Y40H5**Current DC(+)****Approved diameter 2,5 mm - 5,0 mm****Positions Flat, Horizontal, Vertical upwards, Overhead****Remarks****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2017-05-05**This Certificate is valid until **2020-08-31**.DNV GL local station: **Suez**for **DNV GL**Approval Engineer: **Dietmar Liebich**

**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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