DNV·GL

Certificate No:
TAW00002DF

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrode

with trade name
OK 48.04

Manufacturer
ESAB INDUSTRIA E COMERCIO LTDA
Contagem MG, Brazil

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

with this approval

Grade	**3 YH10**
Current	**AC , DC +**
Approved diameter	**2,0 - 6,0mm**
Positions	**All except vertical downwards**
Remarks	**---**

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

This Certificate is valid until **2021-12-11**.

Issued at **Hamburg** on **2016-12-12**

for **DNV GL**

DNV GL local station: **Rio de Janeiro, CMC**

Approval Engineer: **Dietmar Liebich**

Thorsten Lohmann
Head of Section

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

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