

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Flux combination**

with trade name

SDA D3 (SDX S3Si-EH12K) / OP121TT

Manufacturer

ITW Welding GmbH
Altleiningen, Germany

is found to comply with

DNV GL rules for classification – Ships

with this approval

Grade	V Y46MH5
Current	DC(+)
Approved diameter	2,0 - 4,0 mm
Positions	Flat
Remarks	

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2017-03-20**This Certificate is valid until **2021-06-30**.DNV GL local station: **Augsburg**Approval Engineer: **Dietmar Liebich**for **DNV GL**

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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