

TYPE APPROVAL CERTIFICATE

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

with trade name

SpoolArc 81 / OK Flux 429

Manufacturer

**ESAB Welding & Cutting Products
Hanover, PA, USA**

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	III YM
Current	DC(+)
Approved diameter	up to 5.0 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 **2020-01-28**This Certificate is valid until **2023-12-31**.DNV GL local station: **New York**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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