

TYPE APPROVAL CERTIFICATE

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

with trade name

OK Autrod 12.22/OK Flux 10.72

Manufacturer

**ESAB Sp. z o.o.
Katowice, Poland**

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	IV YM(H5)
Current	AC/DC(+)
Approved diameter	up to 4,0 mm
Positions	Flat
Remarks	Test temp. -50°C

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2018-07-06**This Certificate is valid until **2023-06-30**.DNV GL local station: **Katowice**for **DNV GL**Approval Engineer: **Ludger Hachmöller**

**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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