

TYPE APPROVAL CERTIFICATE

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

with trade name

OK Tubrod 15.17 / M21

Manufacturer

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

is found to comply with

DNV GL rules for classification – Ships

with this approval

Grade	IV Y46MS(H5)
Current	DC(+)
Approved diameter	1.2 mm
Positions	All except vertical downwards
Remarks	Also for fillet welding

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-12-31**.Issued at **Høvik** on **2017-01-01**DNV GL local station: **Katowice**for **DNV GL**Approval Engineer: **Maxim Bobrov**

Hanne Anita Hjerpetjønn
Head of Section

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