

TYPE APPROVAL CERTIFICATE

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

with trade name

OK Tubrod 15.31 / M12

Manufacturer

ESAB CZ s.r.o.**Vamberk, Czech Republic**

is found to comply with

DNV GL rules for classification – Ships

with this approval

Grade	VL 316L
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	Flat, Vertical upwards and Vertical downwards
Remarks	Also for one side welding with ceramic backing. Test temp. -196°C

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-08-28**.Issued at **Høvik** on **2016-08-29**DNV GL local station: **Czechia**for **DNV GL**Approval Engineer: **Maxim Bobrov**

Hanne Anita Hjerpetjonn
Head of Section

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