

TYPE APPROVAL CERTIFICATE

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

with trade name

Filarc PZ 6102 / M21

Manufacturer

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

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	IV YMS(H5)
Current	DC(+)
Approved diameter	1.2 - 1.6 mm
Positions	All, incl. vertical downwards
Remarks	Also for one side welding with ceramic backing

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2019-11-13**This Certificate is valid until **2024-11-12**.DNV GL local station: **Katowice CMC**for **DNV GL**Approval Engineer: **Dietmar Liebich**

**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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