



# TYPE APPROVAL CERTIFICATE

Certificate No:  
**TAW0000110**  
Revision No:  
**2**

## This is to certify:

That the **Wire/Gas combination**

with trade name  
**Magmaweld MG3 / M21**

Manufacturer  
**Oerlikon Kaynak Elektrodleri ve Sanayi A.S.**  
**ISTANBUL, İstanbul, Turkey**

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

|                          |  |
|--------------------------|--|
| <b>Grade</b>             | <b>III YMS</b>                           |
| <b>Current</b>           | <b>DC(+)</b>                             |
| <b>Approved diameter</b> | <b>0.8 mm - 1.6 mm</b>                   |
| <b>Positions</b>         | <b>All, including vertical downwards</b> |
| <b>Remarks</b>           | <b>For Gas metal arc welding (GMAW)</b>  |

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.**

Issued at **Hamburg** on **2021-06-23**

for **DNV**

This Certificate is valid until **2026-02-24**.

DNV local station: **Istanbul**

Approval Engineer: **Christine Löll**

**Thorsten Lohmann**  
**Head of Section**

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