



# TYPE APPROVAL CERTIFICATE

Certificate No:  
**TAW000010R**  
Revision No:  
**1**

## This is to certify:

**That the Flux Cored Wire/Gas combination**

with trade name  
**Magmaweld FCW 11 / C1**

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 YH5S</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>1,2 mm - 1,6 mm</b>
<b>Positions</b>	<b>All, including vertical downwards</b>
<b>Remarks</b>	<b>---</b>

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

Issued at **Hamburg** on **2021-06-25**

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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