

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
FCW 13 / C1

Manufacturer

Oerlikon Kaynak Elektrodleri ve Sanayi A.S.
Manisa, 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

Grade	III YMS(H5)
Current	DC(+)
Approved diameter	1.2 mm - 1.6 mm
Positions	All, including 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.

Issued at **Hamburg** on **2020-04-27**

This Certificate is valid until **2025-04-26**.
DNV GL local station: **Istanbul**

Approval Engineer: **Hans-Joachim Vogt**



for **DNV GL**

Digitally Signed By: Hachmoeller, Ludger
Location: DNV GL Hamburg, Germany
Signing Date: 2020-04-30 , on behalf of

Thorsten Lohmann
Head of Section

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



TYPE APPROVAL CERTIFICATE**This is to certify:****That the Flux Cored Wire/Gas combination**with trade name
FCW 13 / M21

Manufacturer

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Manisa, Turkey

is found to comply with

DNV GL rules for classification – Ships**DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables**

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