

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
DW-307 / M21

Manufacturer

Kobelco Welding of Europe B.V.
HEERLEN, Netherlands

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	*
Current	DC(+)
Approved diameter	1,2mm
Positions	PA, PB, PC, PF (1G, 2G, 3G up, 1F, 2F, 3F up)
Remarks	*) EN ISO 17633-A - T 18 8 Mn R M 3

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2017-05-26**This Certificate is valid until **2021-05-31**.DNV GL local station: **Rotterdam**for **DNV GL**Approval Engineer: **Hans-Joachim Vogt**

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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