

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
DW-A50 / M21

Manufacturer

Kobe Steel, Ltd. Ibaraki Plant
Ibaraki, Osaka Pef, Japan

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, incl. vertical downwards
Remarks	Test temp. -30°C for 1.2 mm wire diameter only

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2018-12-04**This Certificate is valid until **2023-12-03**.DNV GL local station: **Kobe**for **DNV GL**Approval Engineer: **Ludger Hachmöller**

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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Page 1 of 1