

TYPE APPROVAL CERTIFICATE**This is to certify:****That the Flux Cored Wire/Gas combination**with trade name
DW-329A / M21Manufacturer
Kobelco Welding of Europe B.V.
HEERLEN, Netherlandsis found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	-
Current	DC(+)
Approved diameter	1.2 mm
Positions	Flat
Remarks	For welding of ferritic-austenitic (duplex) steels UNS S31803 (1.4462)

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2021-12-31**.Issued at **Høvik** on **2017-01-01**DNV GL local station: **Rotterdam**Approval Engineer: **Maxim Bobrov**for **DNV GL**

Hanne Anita Hjerpetjønn
Head of Section

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