

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
MEGAFIL 819 R / M21Manufacturer
ITW Welding GmbH
Altleiningen, Germanyis found to comply with
DNV GL rules for classification – Ships
DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumableswith this approval

Grade	V Y46MS(H5)
Current	DC(+)
Approved diameter	1,2 mm
Positions	All, except vertical downwards
Remarks	

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2018-07-09**This Certificate is valid until **2023-07-08**.DNV GL local station: **Augsburg**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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