

**TYPE APPROVAL CERTIFICATE****This is to certify:****That the Flux Cored Wire/Gas combination**with trade name  
**MEGAFIL 240 M / M21**Manufacturer  
**ITW Welding GmbH**  
**ALTLEININGEN, Germany**is found to comply with  
**DNV GL rules for classification – Ships**

with this approval

<b>Grade</b>	<b>V Y46MSH5</b>
<b>Current</b>	<b>DC +</b>
<b>Approved diameter</b>	<b>1,2 -1,6mm</b>
<b>Positions</b>	<b>All, except vertical down</b>
<b>Remarks</b>	

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2017-02-10**This Certificate is valid until **2021-12-30**.DNV GL local station: **Augsburg**Approval Engineer: **Dietmar Liebich**for **DNV GL**Digitally Signed By: Dau, Gabi  
Location: DNV GL Hamburg, Germany  
Signing Date: 2017-06-01, on behalf of**Thorsten Lohmann**  
**Head of Section**

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

