

**TYPE APPROVAL CERTIFICATE****This is to certify:****That the Flux Cored Wire/Gas combination**with trade name  
**Fabco 712M / M21**

Manufacturer

**Hobart Brothers Company Tubular Wire Business  
Troy, OH, USA**

is found to comply with

**DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables  
DNV GL rules for classification – Ships**

with this approval

<b>Grade</b>	<b>V Y40MS(H10)</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>1.2 mm - 1.4 mm</b>
<b>Positions</b>	<b>All, except vertical downwards</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 **2019-11-11**This Certificate is valid until **2022-12-31**.DNV GL local station: **Certification & Inspection  
Services**Approval Engineer: **Dietmar Liebich**for **DNV GL**

Digitally Signed By: Hachmoeller, Ludger

Location: DNV GL Hamburg, Germany

Signing Date: 2019-11-11 , on behalf of

**Thorsten Lohmann  
Head of Section**

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

