

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
FabCO 812-Ni1M / M21

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

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	IV Y46MS(H5)
Current	DC(+)
Approved diameter	1.2 mm (0.045 inch)
Positions	All, except vertical downwards
Remarks	Also for fillet welding. Also for welding where PWHT is required.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Issued at **Hamburg** on **2020-10-01**

for **DNV GL**

This Certificate is valid until **2025-09-30**.

DNV GL local station: **Houston**

Approval Engineer: **Ludger Hachmöller**

Thorsten Lohmann
Head of Section

Any significant change in design or construction may render this Certificate invalid.
LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

