

# TYPE APPROVAL CERTIFICATE

**This is to certify:**

**That the Flux Cored Wire/Gas combination**

with trade name  
**HG-1F / C1**

Manufacturer  
**Xinxiang Heguang Technology Co. Ltd.**  
**Xinxiang, Henan, China**

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

<b>Grade</b>	<b>III YMS(H5)</b>
<b>Current</b>	<b>DC(+)</b>
<b>Approved diameter</b>	<b>1.2 mm - 1.6 mm</b>
<b>Positions</b>	<b>All, except vertical downwards</b>
<b>Remarks</b>	<b>Also for fillet welding</b>

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

Issued at **Hamburg** on **2021-05-18**

This Certificate is valid until **2026-05-17**.

DNV local station: **Qingdao**

Approval Engineer: **Ludger Hachmüller**



for **DNV**

Digitally Signed By: Wildhagen, Christian  
Location: DNV GL Hamburg, Germany  
Signing Date: 18.05.2021 , on behalf of

**Thorsten Lohmann**  
**Head of Section**

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

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