Certificate no.:
TAW00005U4

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Flux Cored Wire/Gas combination

with trade name
ROYALFIL GS 12R / CO2

Manufacturer
Royal Arc Electrodes Ltd.
Taluka- Umbergaon, Gujarat, India

is found to comply with
DNV rules for classification – Ships
DNV class programme DNV-CP-0069 – Type approval – Welding consumables

with this approval

Grade	**III Y40MS (H5)**
Current	**DC(+)**
Approved diameter	**1.2 mm - 1.6 mm**
Positions	**All, including vertical downwards**
Remarks	**Also for fillet welding**

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

Issued at **Hamburg** on **2024-10-23**
This Certificate is valid until **2029-10-22**. for **DNV**
DNV local unit: **India CMC MES**

Approval Engineer: **Dietmar Liebich**

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