Certificate No:
**TAW000050X**

# TYPE APPROVAL CERTIFICATE

## This is to certify:

**That the Wire/Gas combination**

with trade name
**KWM-308L / I1**

Manufacturer
**KOWEL Co., Ltd.**
**Gyeongsangnam-do, Republic of Korea**

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** | **VL 308L** |
| **Current** | **DC(+)** |
| **Approved diameter** | **1.2 mm - 1.6 mm** |
| **Positions** | **Flat** |
| **Remarks** | **For MIG welding** |
| | **Test temp. -196°C** |

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

Issued at **Hamburg** on **2021-09-30**
This Certificate is valid until **2026-09-29**.
DNV local station: **Busan**

Approval Engineer: **Ludger Hachmöller**

for **DNV**

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

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