



TYPE APPROVAL CERTIFICATE

Certificate No:
TAE00001A0
Revision No:
1

This is to certify:

That the Light Fitting

with type designation(s)
6009/5

Issued to
R. STAHL Schaltgeräte GmbH
Waldenburg, Germany

is found to comply with
DNV rules for classification – Ships, offshore units, and high speed and light craft

Application :

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

| | |
|-------------------------------------|-------------------|
| Vibration class | A |
| Degree of protection | C |
| Temp. class | C |
| Voltage (V) | see page 2 |
| Suitable for Hazardous areas | see page 2 |

Issued at **Hamburg** on **2021-08-18**

This Certificate is valid until **2026-08-17**.

for **DNV**

DNV local station: **Augsburg**

Approval Engineer: **Maik Gagern**

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Arne Schaarmann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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.





Product description*

Emergency light fitting for fluorescent lamps

Power supply: 220 ... 240 V AC, 50 / 60 Hz
110 ... 240 V AC, 50 / 60 Hz (optional variant for lamps acc. to IEC60081)
120 V AC, 50 / 60 Hz (optional variant for lamps acc. to ANSI IEC C78.81)

Degree of protection: IP66 / IP67

Explosion protection*:  II 2G Ex db eb mb IIC T4 Gb
 II 2D Ex tb IIIC T80°C Db

Application/Limitation

Maker's instructions are to be observed.

*Note: All details about electrical explosion protection mentioned in this certificate are for information only. For relevant binding information the corresponding Certificate of Conformity with regard to electrical explosion protection, issued by a recognised Authority, shall be observed.

Location Classes:

Vibration: A
Humidity: B
Temperature: C
EMC: A

Type Approval documentation

Tests carried out

DNV Class Guidelines DNV-CG-0339, Edition 2021-08
DNV Class Program DNV-CP-0398, Edition 2021-09

Marking of product

Maker's trademark

Type designation

Rated voltage

Electrical explosion protection: Type of protection and marking according to the applicable Certificate of Conformity

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice of materials.

The main elements of the survey are:

- Inspection on factory samples, selected at random from the production line
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE