

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Light Fitting

with type designation(s)
EXLUX 6009/5 Series

Issued to

R. Stahl Schaltgeräte GmbH
Waldenburg, Germany

is found to comply with
DNV GL rules for classification – Ships

Application :

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

Vibration class	A
Enclosure class	C / B when using the breather 8162
Class	see Page 2
Temp. class	C
Voltage class	220 ... 240 V ± 10%, 50 / 60 Hz, Options see page 2
Ex class	see Page 2

This Certificate is valid until **2021-08-17**.

Issued at **Hamburg** on **2016-08-18**

for **DNV GL**

DNV GL local station: **Augsburg**

Approval Engineer: **Maik Gagern**

Duy Nam Le
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.

Product description

Explosion proof emergency light fittings for fluorescent lamps Series 6009/5.*

Continued from page 1:

Protection Class:

I (with internal PE connection)

Voltage Class optional:

110 ... 127 V $\pm$ 10%, 50 / 60 Hz (Lamps acc. to IEC60081)

120V $\pm$ 10%, 50 / 60 Hz (Lamps acc. to ANSI IEC C78.81)

Application/Limitation

EMC Class A

Electrical Explosion Protection :

Ex d e mb IIC T4 Gb or Ex db eb mb IIC T4 *

Ex tb IIIC T80°C Db or Ex tb IIIC T80°C *

Type Approval documentation

Acc. to description 6009 0 000 001 0 - Appendix 1 – List of applicable documents

Tests carried out

DNV GL Rules for Classification DNVGL-RU-0050, Edition 2016-01

DNV GL Class Guidelines DNVGL-CG-0339, Edition 2015-11

DNV GL Class Program DNVGL-CP-0398, Edition 2015-12

Marking of product

Maker's trademark

Type designation

Ambient temperature with through wiring

Ambient temperature without through wiring

Rated voltage

Lamp power

Kind of lamp

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.

Survey to be performed at least every second year.

General remarks

* Note: All details about electrical explosion protection mentioned in this certificate are for information only. For relevant binding information the Certificate of Conformity IECEx PTB 13.0059 shall be observed.

END OF CERTIFICATE