IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx PTB 09.0031X issue No.:2

Status: **Current**

Date of Issue: **2011-09-30** Page 1 of 4

Certificate history:
Issue No. 2 (2011-9-30)
Issue No. 1 (2009-7-1)
Issue No. 0 (2009-5-28)

Applicant: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
Germany

Electrical Apparatus: **emergency light fitting type 6608/...-....-....**
Optional accessory:

Type of Protection: **non sparking "nA", dust protection by enclosure "tD"**

Marking: **Ex nA II T4**
Ex tD A22 IP66 T65°C

Approved for issue on behalf of the IECEx Certification Body: Dr. U. Johannsmeyer

Position: Head of Department 3.6 "Intrinsic Safety and Safety of Systems"

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

Physikalisch-Technische Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig
Germany

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Manufacturer: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
Germany

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:
The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-15 : 2005-03 Edition: 3	Electrical apparatus for explosive gas atmospheres Part 15: Construction, test and Marking of Type of Protection "n" electrical apparatus
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:
DE/PTB/ExTR09.0035/00

Quality Assessment Report:

DE/BVS/QAR10.0002/01

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Schedule

EQUIPMENT:
Equipment and systems covered by this certificate are as follows:

The emergency light fitting of type 6608/...-....-.... for fluorescent lamps is an explosion protected electrical equipment with lamp holders for T8 fluorescent lamps according to IEC 60081 with socket G13 , sheet acc. instruction. It serves to illuminate places of operation, factory shops and stores in hazardous locations or as emergency lighting during interferences in power supply, e.g. in case of a power failure in the mains of the general lighting. The emergency light fitting includes appropriate electronic ballast which meets the “end-of-life”-requirements for ballasts in accordance with
IEC 60079-7, annex H, test procedure H1 and H2. The emergency light fitting is suitable for use in Zone 2 as well as Zone 22.

Nomenclature:
Emergency light fitting, type 6608/abc-defg-hijk
a
3 = Variation
b wattage
2 = 18 W
4 = 36 W
c number of lamps
2 = 2 lamps
d channel arrangement
8 = single (series)
efg-hijk numerals or letters without influence to explosion-protection

Electrical data Type 6608/…-....:
Rated voltage AC 220 V...240 V ± 10%; Rated frequency 50 ... 60 Hz;
Rated cross section 0,75 mm² ... 4 mm² - finely stranded; 0,75 mm² … 6 mm² - solid;
Battery voltage 6 V; Battery capacity 4 Ah;

Ingress protection IP 66;
Ambient temperature range -20 ℃ …40℃

CONDITIONS OF CERTIFICATION: YES as shown below:

The electrical apparatus was submitted to tests corresponding to the low risk of mechanical danger.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

The quality assessment report has been changed.