



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.: **IECEX IBE 11.0009** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 [Issue 1 \(2013-12-20\)](#)
[Issue 0 \(2011-11-08\)](#)
Date of Issue: 2021-09-13
Applicant: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
Germany
Equipment: **Portable lamp type 6148**
Optional accessory:
Type of Protection: **intrinsic safety, protection by enclosure**
Marking: Ex ib IIC T4 Gb
Ex tb IIIC T75 °C Db
-20 °C ≤ Ta ≤ +50 °C

Approved for issue on behalf of the IECEx
Certification Body:

Alexander Henker

Position:

Deputy Head of department Certification Body

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 www.iecex.com or use of this QR Code.



Certificate issued by:

IBEXU Institut für Sicherheitstechnik GmbH
Fuchsmühlenweg 7
09599 Freiberg
Germany



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

Additional manufacturing locations: **R. STAHL Schaltgeräte GmbH**
Nordstrasse 10
99427 Weimar
Germany

R. STAHL (P) LTD
Plot No. 5, Malrosapuram Road
Sengundram Indl Area
Singaperumal Koil
Kanecheepuram Dt., Talmil Nadu - 603 204
India

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 equipment 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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

This Certificate **does not** indicate compliance with 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 Reports:

[DE/IBE/ExTR11.0009/00](#)

[DE/IBE/ExTR11.0009/01](#)

[DE/IBE/ExTR11.0009/02](#)

Quality Assessment Report:

[DE/BVS/QAR10.0002/17](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The portable lamp is an explosion-protected electrical apparatus for use in areas of zones 1 and 21. It consists of a turnable head with LED illuminant and the bottom part with electronics and lead acid battery. Charging is carried out outside the explosive area.

Technical data

Ambient temperature range: -20 °C up to +50 °C
Degree of protection of the enclosure: ≥IP64 according to IEC 60529
Battery: lead acid battery 6 V max. 4.5 Ah
Charging voltage: 10 - 30 V DC (U_m: 50 V)

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

A new venting element is used.

The portable lamp complies with the requirements of current standards.