



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 BVS 13.0034X issue No.: 0 Certificate history: _____

Status: **Current**

Date of Issue: 2013-03-14 Page 1 of 3

Applicant: **PARAT GmbH & Co. KG**
Schachtlau 3-4
94089 Neureichenau
Germany

Electrical Apparatus: Torch light type PX0 XAG LED 123
Optional accessory:

Type of Protection: Equipment protection by intrinsic safety "i", Equipment with equipment protection level (EPL) Ga

Marking: Ex ia IIC T4 Ga
Ex ib IIIC T105°C Db IP68

Approved for issue on behalf of the IECEx Certification Body: P. Migenda
Position: Deputy Head of Certification Body

Signature: *P. Migenda*
(for printed version)

Date: 2013-03-14

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](http://www.iecex.com).

Certificate issued by:

DEKRA EXAM GmbH
Dinnendahlstrasse 9
44809 Bochum
Germany

 **DEKRA**
DEKRA EXAM GmbH



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Manufacturer: **PARAT GmbH & Co. KG**
Schachtlau 3-4
94089 Neureichenau
Germany

Additional 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 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition: 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26 : 2006 Edition: 2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

*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/BVS/ExTR13.0038/00](#)

Quality Assessment Report:
[GB/ITS/QAR09.0011/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description

The torch light type PX0 XAG LED 123 is a handheld torch fitted with a LED lamp module and is powered by 4 AA cells. The enclosure is constructed from conductive polycarbonate and certified for gas group IIC applications.

Thermal Parameters

Ambient temperature range Ta -20 °C up to +40 °C

CONDITIONS OF CERTIFICATION: YES as shown below:

Only the following battery types are permitted:

- Daimon MN1500 (by Duracell) LR6/AA
- Energizer Classic LR6/AA
- Energizer Ultimate Lithium LR6/AA
- Duracell Procell LR6/AA
- Duracell Plus LR6/AA
- Duracell Simply LR6/AA