



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 EPS 15.0011X Issue No: 0 Certificate history:
Issue No. 0 (2015-04-20)

Status: **Current** Page 1 of 3

Date of Issue: **2015-04-20**

Applicant: **i.safe MOBILE GmbH**
i_Park Tauberfranken 10
97922 Lauda-Koenigshofen
Germany

Equipment: **ORBIT 2.0 (Bluetooth Headset)**
Optional accessory:

Type of Protection: **intrinsic safety ib**

Marking:
Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db

Approved for issue on behalf of the IECEx
Certification Body:

D. Zitzmann

Position:

Manager Certification

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

Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Manufacturer: **i.safe MOBILE GmbH**
i_Park Tauberfranken 10
97922 Lauda-Koenigshofen
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 Explosive atmospheres - Part 0: General requirements
Edition:6.0

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

*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/EPS/ExTR15.0015/00](#)

Quality Assessment Report:

[DE/EPS/QAR12.0003/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The bluetooth headset ORBIT 2.0 is a mobile communication device for use in explosion hazardous areas classified as Zone 1 or Zone 21. The device is supplied with a Li-Ion battery. Charging is done via a Micro-USB connector. The electronics and the USB connector are intrinsically safe.

CONDITIONS OF CERTIFICATION: YES as shown below:

Maximum ambient temperature range: -20°C to +60°C.

The headset shall never be charged in hazardous areas.

The USB-connector shall never be used in hazardous areas.