(1) # Certificate of Conformity

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – **Directive 2014/34/EU**

(3) Certificate of Conformity Number:

EPS 16 ATEX 1 067 X **Revision 0**

(4) Equipment: RFID and NFC mobile reader: IS-MP.2

(5) Manufacturer: i.safe MOBILE GmbH

(6) Address: i_Park Tauberfranken 10, 97922 Lauda-Koenigshofen, Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH certifies based on a voluntary assessment that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 16TH0132.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 + A11:2013   **EN 60079-11:2012**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:

II 3G Ex ic IIC T4 Gc IP54
II 3D Ex ic IIIB T135°C Dc IP54

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(13)   **Annexe**

(14)   **Certificate of Conformity EPS 16 ATEX 1 067 X**   **Revision 0**

(15)   Description of equipment:

The IS-MP.2 is an intrinsically safe and rugged RFID + NFC mobile reader for the use in hazardous areas of zone 2 and 22. If RFID/NFC TAGs are mounted very close to each other or placed in the corner the small reading tip makes it possible to read the tags, so every equipment can be easily identified. Inside hazardous areas the information can be read directly at the 4 row OLED-display and transferred by Bluetooth. Outside hazardous areas the storage can be read by USB.

The IS-MP.2 is reading from passive TAGs with different frequency combinations.
- LF 125kHz
- LF 134,2 kHz FDX-B + HDX
- HF und NFC 13,56 MHz
- UHF 868 MHz

Different frequency combinations are possible.

(16)   Test report: 16TH0132

(17)   Special conditions for safe use:

The battery shall be charged only outside ex-hazardous areas. The device must be protected from impacts with high impact energy, against excessive UV light emission and high electrostatic charge processes. The permitted ambient temperature range is -20°C to +60°C.

(18)   Essential health and safety requirements:

Met by standards.

Certification department of explosion protection   Nuernberg, 2016-04-21

D. Zitzmann