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 EPS 23.0092X**	Page 1 of 3	Certificate history:
Status:	**Current**	Issue No: 0	
Date of Issue:	2024-10-30		
Applicant:	**i.safe MOBILE GmbH** i_Park Tauberfranken 10 97922 Lauda-Koenigshofen **Germany**		
Equipment:	**IS880.2 intrinsically safe Smartphone**		
Optional accessory:			
Type of Protection:	**Intrinsic safety "i"**		
Marking:	Ex ic IIC T4 Gc		
	Ex ic IIIC T135°C Dc		

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Signature:
(for printed version)

Date:
(for printed version)

Ulrich Feike

Head of Certification

Ulrich Feike
Head of Certification

Digitally signed by Certification Body Bureau
Veritas CPS Germany
DN: c=DE, st=Mecklenburg-Vorpommern,
l=Schwerin, o=Bureau Veritas Consumer
Products Services Germany GmbH,
cn=Certification Body Bureau Veritas CPS
Germany,
email=certification.deu@bureauveritas.com
Date: 2024.10.30 08:50:13 +01'00'

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:

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

IECEx Certificate
of Conformity

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

Manufacturing
locations:

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
Edition:7.0
Explosive atmospheres - Part 0: Equipment - General requirements

IEC 60079-11:2023
Edition:7.0
Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

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 Report:

DE/EPS/ExTR23.0093/00

Quality Assessment Report:

DE/EPS/QAR12.0003/15

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

The intrinsically safe IS880.2 smartphone for Zone 2/22 is equipped with a 5.5-inch display and supports NFC, Bluetooth and Wi-Fi. The high-quality Qualcomm chipset enables fast data processing for the most demanding industrial applications. Further advantages include the high-resolution camera, the powerful loudspeaker, the fingerprint scanner, the replaceable battery and the programmable buttons (e.g. for quick access or lone worker protection applications (SOS)).

Electrical data:

Power supply: replaceable Li-Ion Polymer Battery: U_o = 3.85 V / 4500 mAh

Interfaces:

The device has two charging contacts with which it can be charged outside hazardous areas using an approved charging adapter.

The device also has a USB-C interface for charging and data transmission outside hazardous areas.

The 13-pin ISM interface can be used within hazardous areas with i.safe MOBILE approved accessories and add-ons. When the ISM interface is not in use, it must be securely closed with the cover provided for this purpose.

The following accessories may be connected to the 13-pin ISM interface:

- IS-HS1B.2 Headset
- IS-RSMG2.1 Remote Speaker Microphone

A commercially available microSD and nano-SIM card can be used in hazardous areas in the corresponding slot. The internal electrical capacitance and inductance are negligible and correspond to the intrinsically safe connection parameters.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The battery may be charged and replaced outside explosion hazardous areas only.

The device must be protected from impacts with high impact energy, against excessive UV light emission and high electrostatic charge processes.

The cover for the ISM interface must be securely closed inside explosion hazardous areas.

The permitted ambient temperature range is -20 °C to +55 °C.