

(1) **Certificate of Conformity**

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

(3) Certificate Number:

**EPS 18 ATEX 1 176 X**

**Revision 1**

(4) Equipment: IS760.2 Multifunctional Smartphone

(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 of Conformity 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 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 18TH0157.

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

**EN IEC 60079-0:2018**

**EN 60079-11:2012**

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



Certification department of explosion protection

H. Schaffer

Hamburg, 2021-07-15

(13) **Annex**

(14) **Certificate of Conformity EPS 18 ATEX 1 176 X**

**Revision 1**

(15) Description of Equipment:

The intrinsically safe, rugged and multifunctional smartphone IS760.2 has been designed for use in explosion hazardous areas of zone 2 and 22. The Android smartphone supports LTE and optional private LTE networks and also can be used by the push-to-talk technology as a walkie talkie (UHF frequencies). The smartphone provides numerous technologies like a front speaker with a volume of up to 100 dB, Bluetooth LE, NFC, dual SIM, 2 cameras, a 13-pin connector to connect audio accessories, hardware button for user-specific occupancy and optional barcode/QR scanner.

A commercially available SD card may be used in the corresponding slot in the hazardous area. The internal electrical capacity of the SD card is negligible.

Electrical data:

Li-Ion Battery 3.8 V

Ambient temperature range:

-20 °C ≤ Ta ≤ +60 °C

Interfaces:

The device has an USB interface (type C) for charging and data transmission outside hazardous areas. USB-C socket Um= 5.88 V. It is not permitted to open the USB interface cover in hazardous areas.

For ISM interface use, the i.safe MOBILE headset IS-HS3.2 or approved accessories may be used. If the ISM interface is not used, it must be securely closed by the cover provided for this purpose.

(16) Reference number: 18TH0157

(17) Special conditions for safe use:

The battery may be charged 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.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2021-07-15

H. Schaffer

