(1) # EU - Type Examination Certificate

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**

(3) EU - Type Examination Certificate Number

EPS 19 ATEX 1 073 X **Revision 0**

(4) Equipment: IS330.1 Intrinsically safe multifunctional Feature phone

(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 annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies 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 documentation under the reference number 19TH0203.

(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 subject to special conditions for safe use specified in the annex to this certificate.

(11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

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

II 2G Ex ib IIC T4 Gb
II 2D Ex ib IIIC T135°C Db IP6X

Certification department of explosion protection

H. Schaffer

Hamburg, 2020-04-15

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(13) # Annex

(14) **EU - Type Examination Certificate EPS 19 ATEX 1 073 X** **Revision 0**

(15) Description of equipment:

The IS330.1 is the intrinsically safe, multifunctional Feature phone for the rugged use in explosion hazardous areas of zone 1 and 21. It has a PTT and SOS button and an ISM interface for intrinsically safe and approved headsets, remote speaker microphones and add-ons, making the Feature phone a universal tool for any application. The IS330.1 is equipped with an Android operating system, efficient processor, amplified loudspeaker and a replaceable battery. Technologies like 4G (LTE), NFC, GPS, Bluetooth and Wi-Fi complete the performance.

Electrical data:

Supply:
The Feature phone IS330.1 has a replaceable Li-Ion battery Uo = 3.8 V (Uo_max = 4.2 V).

Interfaces:
The device has two charging contacts with which it can be charged outside hazardous areas via an approved charging adapter. The contacts are intrinsically safe for gas and dust.

Furthermore, the device has an USB interface (type C) for charging and data transmission outside hazardous areas. It is not permitted to open the USB interface cover in hazardous areas.

Um (charging contacts and USB interface) = 5.88 V, this is ensured by using the i.safe PROTECTOR 2.0 or other accessories specified by i.safe MOBILE GmbH.

The ISM interface of the IS330.1 can be used within hazardous areas with approved headsets, Remote Speaker Microphones (RSM) and add-ons, making the Feature phone a multifunctional equipment for industrial applications. For ISM interface use, the i.safe MOBILE headset IS-HS1.1 or i.safe MOBILE approved, intrinsically safe accessories may be used, which comply with the connection parameters of the ISM interface according to document 1029AD04. If the ISM interface is not used, it must be securely closed by the cover provided for this purpose.

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.

(16) Reference number: 19TH0203

(17) Special conditions for safe use:

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 permitted ambient temperature range is -20 °C to +60 °C.

(18) Essential health and safety requirements:

Met by compliance with standards.

ZERTIFIZIERUNGSSTELLE BUREAU VERITAS Bureau Veritas CPS Germany GmbH 1828

Certification department of explosion protection

Hamburg, 2020-04-15

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