(1) # Certificate of Conformity

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

(3) Certificate Number

EPS 25 ATEX 1 002 X **Revision 0**

(4) Equipment: IS940.2 / IS945.2 intrinsically safe tablet

(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 of Conformity and the documentation 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 25TH0085.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018 **EN 60079-11:2012** **IEC 60079-11:2023**

(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 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 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 3G Ex ic IIC T4 Gc
II 3D Ex ic IIIC T135°C Dc

Certification department of explosion protection

Tuerkheim, 2025-03-31

Ulrich Feike

ZERTIFIZIERUNGSSTELLE BUREAU VERITAS 1828 Bureau Veritas CPS Germany GmbH

(13) # Annex

(14) **Certificate of Conformity EPS 25 ATEX 1 002 X** **Revision 0**

(15) Description of equipment:

The intrinsically safe tablet IS940.2 (Android operating system) / IS945.2 (Windows operating system) for Zone 2/22 is equipped with a 10.1-inch display, supports NFC, Bluetooth 5.2 and Wi-Fi 6. The high-quality Qualcomm chipset ensures fast data processing for the most demanding industrial applications such as predictive maintenance. The 12-pin docking interface offers a convenient charging and data connection. The 16-pin ISM interface ensures a secure connection of audio accessories or other add-ons.
Further advantages are the high-resolution main camera, the powerful speakers, a replaceable battery and programmable buttons (e.g. for quick access or lone worker protection applications (SOS)).

Electrical data:

Power supply: Changeable Li-Ion battery (4.2 V)

Interfaces:

The device has a 12-pin docking interface for the IS-DS940.1 docking station for charging and data transfer also within hazardous areas.
The entity parameters are defined in document 1065AD05.
The 12-pin docking interface can remain open inside hazardous areas. The optional cover for this serves as protection against pollution.

The device also has a USB-C interface, which is also used for charging and data transfer outside hazardous areas.

The device's 16-pin ISM interface can be used within hazardous areas with approved audio accessories and add-ons.

The following accessories may be connected to the 16-pin ISM interface:

- IS-HS2A.1 in-ear headset
- IS-PTTB1A.1 PTT button with the IS-HDHS1x.1 headset
- Approved, intrinsically safe accessories that comply with the entity parameters of the 16-pin ISM interface in accordance with document 1065AD04

Headset variants IS-HDHS1x.1:

- IS-HDHS1A.1 Headband (Stereo)
- IS-HDHS1B.1 Neckband (Stereo)
- IS-HDHS1C.1 Helmet mount (Stereo)

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 match the intrinsically safe connection parameters.

(16) Reference number: 25TH0085

(17) Special conditions for safe use:

The battery may be replaced outside explosion hazardous areas only.

The device must be protected against excessive UV light emission and high electrostatic charge processes.

The USB-C interface is protected by an IP interface cover and may only be opened outside the hazardous areas.

The 16-pin ISM interface must be closed with the corresponding cover when not in use in hazardous areas.

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

The permitted charging temperature range is limited to 0 °C to +45 °C.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection Tuerkheim, 2025-03-31

Ulrich Feike