

1 EC-Type Examination Certificate

2 Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 94/9/EC

3 EC-Type Examination Certificate Number: **KIWA 14ATEX0009** Issue: **1**

4 Equipment: **Smartphone Model EX-SM14 and Associated USB connection cable type BC_EX-SM14_USB_cable_1**

5 Manufacturer: **TechNed Benelux B.V.**

6 Address: **Veersteeg 15, 4212 LR Spijk
The Netherlands**

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

8 Kiwa Nederland B.V., notified body number 0620 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, 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 to the Directive.

The examination and test results are recorded in confidential ATEX Assessment Report No. 140800638, issue 1.

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

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

10 If the equipment is subject to specific conditions of use, specified in the schedule to this certificate, the sign "X" shall be placed after the certificate number on the equipment marking. As an alternative to the "X" marking, an advisory marking may appear on the equipment.

11 This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

12 The marking of the equipment shall include the following:



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

for **Kiwa Nederland B.V.**

P.A. van Breugel
Certification Officer

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First issue:

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13 **SCHEDULE**

14 **to EC-Type Examination Certificate KIWA 14ATEX0009 Issue No. 1**

15.1 **Description**

Waterproof and dust tight dual SIM Smartphone Model EX-SM14 with touch screen and robust enclosure, providing a degree of protection IP68, designed for industrial use.
For charging and data transfer, a specific USB connection cable type BC_EX-SM14_USB_cable_1 is prescribed.

Ambient temperature range -20 °C to +55 °C.

15.2 **Electrical data**

Supply:

Integral, rechargeable Lithium-ion cell, not replaceable by the user;
capacity 2200 mAh; nominal voltage 3,7 Vdc.

The battery may only be recharged outside the explosive atmosphere, only with the associated USB connection cable type BC_EX-SM14_USB_cable_1.

15.3 **Instructions**

The instructions provided with the equipment shall be followed in detail to assure safe operation.

16 **ATEX Assessment Report**

No. 140800638, issue 1.

17 **Specific conditions of use**

- For temperature data, see section 15.1.
- The battery of smartphone model EX-SM14 may only be recharged outside the explosive atmosphere and only via the associated USB connection cable model BC_EX-SM14_USB_cable_1.

18 **Essential Health and Safety Requirements**

All relevant Essential Health and Safety Requirements are covered by the standards listed at section 9.

19 **Test documentation**

As listed in ATEX Assessment Report No. 140800638, issue 1.