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## Schedule

### EU-TYPE EXAMINATION CERTIFICATE No.

UL 22 ATEX 2862 Rev. 1

[15] Description of Product

The G6-\*# is a portable body worn single-gas detection instrument, where:

- '\*' is one alphanumeric character identifying the gas sensor installed
- '#' is an optional up to two alphanumeric characters identifying the cellular carrier (preceding '-' and code may not be present for the default carrier).

The G6-\*# can report information using wireless communication. The device includes momentary switches, an LCD screen, a piezo sounder, LEDs, and a vibration motor for user interaction.

When an alert is triggered, the heightened state of the instrument may be presented to the user through flashing lights, audio, and pertinent information displayed on the LCD screen.

Internally the G6-\*# includes a GNSS receiver, a Bluetooth/WiFi transceiver, a cellular transceiver, powered by a rechargeable lithium polymer battery.

The battery is charged through a proprietary connector, used only for the G6-\*#. Charging shall occur in non-hazardous locations only.

Performance testing

The measuring function of the product for explosion protection, according to Annex II clause 1.5.5, 1.5.6 and 1.5.7 of the Directive 2014/34/EU is not covered in this certificate.

Temperature range

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

Electrical data

Intrinsically safe specifications:

Single rechargeable Lithium cell, non-user replaceable, Um: 5.625 V

Routine tests

100% of conformally coated version of G6 Daughter Card are subject to the dielectric strength test as detailed in drawing number G6D-06-xx\_PCBA\_CC, Revision 1.2.

[16] Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [ 8 ] on page 1 of this EU-Type Examination Certificate.

[17] Specific conditions of use:

None.

[18] Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.

Accredited by DANAK under registration number 7011 to certification of products.

