



UNITED KINGDOM CONFORMITY ASSESSMENT

1 **UK TYPE EXAMINATION CERTIFICATE**

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

3 Certificate Number: **CSAE 22UKEX1267X** Issue: **0**

4 Product: **SW-HHP-ATEX**

5 Manufacturer: **Straightpoint UK Ltd.**

6 Address: 123 Proxima Park,
Houghton Avenue,
Waterlooville,
PO7 3DU,
UK

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

8 CSA Group Testing UK Limited, Approved Body number 0518, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations. The examination and test results are recorded in the confidential reports listed in Section 14.2.

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


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

Except in respect of those requirements listed at Section 16 of the schedule to this certificate. The above standards may not appear on the UKAS Scope of Accreditation, but have been added through flexible scope of accreditation, which is available on request.

10 If the sign 'X' is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 This UK TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall be in accordance with Regulation 41 and include the following:

 II 1G
Ex ia IIC T4 Ga
Ta = -10°C to +50°C

Name: Michelle Halliwell
Title: Director of Operations



SCHEDULE

UK TYPE EXAMINATION CERTIFICATE

**CSAE 22UKEX1267X
Issue 0**

13 DESCRIPTION OF PRODUCT

SW-HHP-ATEX is a handheld piece of equipment used to control the Loadcell RLP - ATEX. The equipment is powered from two series connected ATEX certified Energiser Ultimate L91 AA Lithium cells. The equipment consists of a radio module PCB and an additional PCB consisting of the safety critical components which are fully encapsulated. It also contains the antenna PCB which is partially encapsulated. The enclosure is made of ABS material which is placed in a rubber casing made of anti-electrostatic material. It consists of an LCD and keypad which is covered by a keypad membrane. All of the exposed parts of the upper casing are coated with anti-electrostatic material. There are no external connections from the equipment.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	25 November 2022	R80116063A	The release of the prime certificate.

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

- 15.1 The anti-electrostatic coating on the labels can be adversely affected by contact with solvents. Suitable precaution shall be taken to avoid such instances and the labels shall be inspected periodically for any damage.
- 15.2 Only Energizer Ultimate Lithium Cells Type L91 AA, certificate number Baseefa14ATEX0107U shall be fitted.

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (REGULATIONS SCHEDULE 1)

In addition to the Essential Health and Safety Requirements covered by the standards listed in Section 9, all other requirements are demonstrated in the relevant reports.

17 PRODUCTION CONTROL

- 17.1 Holders of this certificate are required to comply with production control requirements defined in Schedule 3A, as applicable, and CSA Group Testing UK Regulations for Certificate Holders.
- 17.2 Only Energizer Ultimate Lithium Cells Type L91 AA, certificate number Baseefa14ATEX0107U shall be fitted. It is therefore the responsibility of the manufacturer to continually monitor the status of the certification associated with this device. The manufacturer shall inform CSA Sira of any modifications to the device that may impinge upon the explosion safety design of the equipment.



Certificate Annexe

Certificate Number: CSAE 22UKEX1267X
Product: SW-HHP-ATEX
Manufacturer: Straightpoint UK Ltd.

Issue 0

Drawing	Sheets	Rev.	Date (Stamp)	Title
SU3463 BOM	1 of 1	0.6	24-Sep-15	HHP Protection PCB BOM
SU3463 Schematic	1 of 1	5.1	23-Oct-15	HHP protection PCB schematic
SU3463 PCB	1 of 1	A	24-Sep-15	HHP protection PCB layout
SU3472	1 of 1	B	24-Sep-15	HHP Front label
SU3480	1 of 1	A	24-Sep-15	HHP Membrane keypad
SU3482	1 of 1	B	09-Nov-15	HHP Year of manufacture label
SU3483	1 of 1	A	24-Sep-15	HHP Battery label
AT004	1 of 1	G	09-Mar-20	HHP Encapsulation drawing (TS radio board)
SU3474	1 of 1	G	24-Nov-22	HHP ATEX Label
SU3556	1 of 1	B	09-Mar-20	HHP Casing (TS radio board)
SU6031	1 of 1	A	09-Mar-20	HHP Membrane Keypad (TS radio board)
SU6030	1 of 1	C	27-Sep-22	ATEX- LCD Screen Cover label
AT014	1 of 1	A	30-Mar-20	HHP Encapsulation drawing (T24 radio board)
AT018	1 of 1	A	30-Mar-20	HHP Casing (T24 radio board)
AT003	1 of 1	J	24-Nov-20	HHP GA drawing (TS radio board)
AT013	1 of 1	B	24-Nov-20	HHP GA drawing (T24 radio board)
SU6297	1 of 1	E	24-Nov-22	SW-HHP-ATEX -rating label
SU3481	1 of 1	B	09-Mar-20	HHP SP label

