



1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 15ATEX2196X** Issue: **4**

4 Equipment: **Handheld plus SW-HHP-ATEX**

5 Applicant: **Straightpoint**

6 Address: **Unit 9
Dakota Park
Downley Road
Havant, PO9 2NJ
UK**

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

8 CSA Group Netherlands B.V., notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 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 intended for use in potentially explosive atmospheres given in Annex II to the Directive.

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, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

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 Specific Conditions of Use identified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



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

Project Number 80060438

Signed: J A May

Title: Director of Operations

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CSA Group Netherlands B.V.
Utrechtseweg 310,
6812 AR, Arnhem,
Netherlands



SCHEDULE

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Issue 4

13 DESCRIPTION OF EQUIPMENT

SW-HHP-ATEX is a handheld piece of equipment used to control the Loadcell RLP - ATEX. The equipment is powered from two series connected Energiser Ultimate 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.

Variation 1 - This variation introduced the following changes:

- i. New radio board introduced which has changed some drawings as a result.
- ii. New LCD module introduced which has changed some drawings as a result.
- iii. New keypad introduced which has changed some drawings as a result.
- iv. The drawings which represent the old design have been reproduced in new drawings.
- v. Changes in the marking label to show the new Crosby Straightpoint logo.
- vi. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 60079-0:2012/A11:2013 was replaced by EN IEC 60079-0:2018.

Variation 2 - This variation introduced the following changes:

- i. Typographical errors corrected on the drawings.
- ii. ATEX certificate number of the L91 batteries removed from the drawings.
- iii. Non-hazardous area bill of material amendments and corrections.
- iv. Revised not hazardous area marking.
- v. Remove the listing of IEC 60079-26.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	22 December 2015	R70043491B	The release of the prime certificate.
1	28 April 2016	70061934A	This Issue covers the following change: EU Type Examination Certificate in accordance with 94/9/EC updated in accordance with Directive 2014/34/EU. <i>(In accordance with Article 41 of Directive 2014/34/EU, EU Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EU Type Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i>
2	15 October 2019	1349	Transfer of certificate Sira 15ATEX2196X from Sira Certification Service to CSA Group Netherlands B.V.
3	20 April 2020	R80030551C	The introduction of Variation 1.
4	09 December 2020	R80060438B	The introduction of Variation 2.



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- 15 **SPECIFIC CONDITIONS OF USE** (denoted by X after the certificate number)
- 15.1 The antistatic coating on the exposed parts of the upper casing 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.
- 16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)**
- The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

Certificate Annexe



Certificate Number: Sira 15ATEX2196X
 Equipment: Handheld plus SW-HHP-ATEX
 Applicant: Straightpoint

Issue 0

Drawing no.	Sheets	Rev.	Date (Sira stamp)	Description
AT003	1 of 1	G	30-Nov-2015	HHP GA drawing
AT004	1 of 1	D	24-Sep-2015	HHP Encapsulation drawing
SU3463 BOM	1 of 1	0.6	24-Sep-2015	HHP Protection PCB BOM
SU3463 Schematic	1 of 1	5.1	23-Oct-2015	HHP protection PCB schematic
SU3463 PCB	1 of 1	A	24-Sep-2015	HHP protection PCB layout
SU3472	1 of 1	B	24-Sep-2015	HHP Front label
SU3474	1 of 1	A	24-Sep-2015	HHP Atex Label
SU3480	1 of 1	A	24-Sep-2015	HHP Membrane keypad
SU3481	1 of 1	A	24-Sep-2015	HHP SP label
SU3482	1 of 1	B	09-Nov-2015	HHP Year of manufacture label
SU3483	1 of 1	A	24-Sep-2015	HHP Battery label
SU3556	1 of 1	A	30-Nov-2015	HHP Casing

Issues 1 & 2. No new drawings were introduced.

Issue 3

Drawing no.	Sheets	Rev.	Date (Sira stamp)	Description
AT003	1 of 1	H	09 Mar 20	HHP GA drawing (TS radio board)
AT004	1 of 1	G	09 Mar 20	HHP Encapsulation drawing (TS radio board)
SU3474	1 of 1	B	09 Mar 20	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 Front label (TS radio board)
SU6030 (*)	1 of 1	A	09 Mar 20	HHP Membrane keypad (TS radio board)
SU3481	1 of 1	B	09 Mar 20	HHP SP label
AT013 (*)	1 of 1	A	30 Mar 20	HHP GA drawing (T24 radio board)
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)

(*) New drawings.

Issue 4

Drawing no.	Sheets	Rev.	Date (Sira stamp)	Description
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	B	24-Nov-20	Rating label for Handheld with T24 type radio board

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