



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX SIR 15.0071X** Page 1 of 4 [Certificate history:](#)
Issue 0 (2015-12-22)

Status: **Current** Issue No: 1

Date of Issue: 2020-04-20

Applicant: **Straightpoint**
Unit 9, Dakota Park
Downley Road
Havant PO9 2NJ
United Kingdom

Equipment: **Loadcell RLP - ATEX**

Optional accessory:

Type of Protection: **Intrinsically Safe ia**

Marking: Ex ia IIC T4 Ga
Ta = -10°C to +50°C

Approved for issue on behalf of the IECEx
Certification Body:

Neil Jones

Position:

Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

SIRA Certification Service
CSA Group
Unit 6, Hawarden Industrial Park
Hawarden, Deeside, CH5 3US
United Kingdom





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Manufacturer: **Straightpoint**
Unit 9, Dakota Park
Downley Road
Havant PO9 2NJ
United Kingdom

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

IEC 60079-26:2014-10 Explosive atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga
Edition:3.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[GB/SIR/ExTR15.0296/00](#)

[GB/SIR/ExTR20.0059/00](#)

Quality Assessment Report:

[GB/SIR/QAR15.0028/01](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Loadcell RLP - ATEX is a radio telemetry system designed to provide measurement data from voltage, current and strain gauge inputs. The Loadcell is powered from four Energizer Ultimate Lithium Cells. The equipment comprises 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 aluminium alloy with a front cover made of polycarbonate and the battery cover at the rear side is made of polyester. All the exposed non-metallic parts are coated with anti-electrostatic material. There are no external connectors in this equipment.

Conditions of manufacture

The Manufacturer shall comply with the following:

1. The RLP incorporates a previously certified battery (Baseefa14ATEX0107U). It is therefore the responsibility of the manufacturer to continually monitor the status of the certification associated with this device. The manufacturer shall inform Sira of any modifications to the device that may impinge upon the explosion safety design of the RLP.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The enclosure is manufactured from aluminium. In rare cases, ignition sources due to impact and friction sparks could occur. This shall be considered during installation, particularly if the equipment is installed in a zone 0 location.
2. 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.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

This issue, Issue 1, recognises the following changes;

1. New radio board introduced which has changed some drawings as a result.
2. The drawings which represent the old design have been reproduced in new drawings.
3. Changes in the marking label to show the new Crosby Straightpoint logo.
4. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, IEC 60079-0:2011 Ed. 6 was replaced by IEC 60079-0:2017 Ed. 7.