



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 CSA 16.0053** Page 1 of 4 [Certificate history:](#)
Issue 0 (2016-11-09)

Status: **Current** Issue No: 1

Date of Issue: 2025-05-30

Applicant: **Blackline Safety**
Suite 100, 803 24th Ave SE
Calgary, Alberta T2G 1P5
Canada
Canada

Equipment: **"Loner Beacon" precise indoor location beacon**

Optional accessory:

Type of Protection: **Intrinsic Safety "ia"**

Marking: Ex ia IIC T4 Ga
Tamb: -40°C to +55°C

Approved for issue on behalf of the IECEx
Certification Body:

Dave Magee

Position:

Senior Director of Operations

Signature:
(for printed version)

Date:
(for printed version)

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:

CSA Group
178 Rexdale Boulevard
Toronto, Ontario M9W 1R3
Canada





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Manufacturer: **Blackline Safety**
Suite 100, 803 24th Ave SE
Calgary, Alberta T2G 1P5
Canada
Canada

Manufacturing locations: **Blackline Safety**
Suite 100, 803 24th Ave SE
Calgary, Alberta T2G 1P5
Canada
Canada

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

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:

[CA/CSA/ExTR16.0059/00](#)

[CA/CSA/ExTR16.0059/01](#)

Quality Assessment Report:

[CA/CSA/QAR16.0006/06](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Loner Beacon, model 102140 is a precise indoor location beacon. It is compatible with Blackline's Loner safety monitoring devices. The Loner Beacon delivers a fixed location position to locate employees indoors or wherever GPS signals are unreliable or unavailable.

The Loner Beacon, model 102140 is a portable, battery operated device fabricated from plastic and is approximately 160 mm x 40 mm x 30 mm. There is one printed circuit board within the product. The loner beacon is supplied with a wall mount that the device snaps into which is constructed from the same material as the loner beacon. The product is powered from two, alkaline C-Cells in series, these may be any of the following types, however, the cells shall not be replaced when an explosive atmosphere is present and it is the user's responsibility to ensure that both cells are the same type, new and unused:

Energizer Industrial EN93

Duracell Procell PC1400

Rayovac UltraPro 814

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1 – this Issue introduced the following changes:

1. Update IEC 60079-0:2011 Edition 6.0 to IEC 60079-0:2017 Edition 7.0.
2. The Applicant/Manufacturers address were changed from: Suite 101, 1215 – 13 St SE, Calgary, Alberta T2G 3J4, Canada, to: Suite 100, 803 24th Ave SE, Calgary, Alberta T2G 1P5, Canada.