

1 EU - TYPE EXAMINATION CERTIFICATE

2 Product or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU – Annex III

3 EU - Type Examination Certificate No.: **EMT16ATEX0044X**

4 Product: **Lone worker safety monitor- Loner M6i EU**

5 Manufacturer: **Blackline GPS, Inc.,**

6 Address: **1215 13th Street SE, Calgary, Alberta, T2G 3J4, Canada**

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

8 Element Materials Technology, Notified Body number 0891, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, 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 Annex II to the Directive. The examination and test results are recorded in the confidential report **TRA-028120-33-00A**.

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

EN 60079-0:2012/A11:2013 EN 60079-11:2012

Except in respect of those requirements listed at section 18 of the schedule.

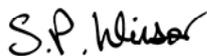
10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to specific conditions of use specified in the schedule to this certificate.

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

12 The marking of this product shall include the following:

 **II 2 G Ex ib IIC T4 Gb -20°C ≤ Ta ≤ +55°C**

This certificate and its schedules may only be reproduced in its entirety and without change. This certificate is issued in accordance with the Element Materials Technology Ex Certification Scheme.



S P Winsor, Certification Manager

Issue date: 2016-10-14

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CSF355 4.0

13 SCHEDULE TO EU - TYPE EXAMINATION CERTIFICATE

14 EMT16ATEX0044X

15 Description of Product

Loner ATEX is a lone worker safety monitoring device. The purpose of the instrument is to provide real-time monitoring of workers, and report information, such as location, and alerts to a centralized server.

It is a person worn device that communicates location, check-ins, and safety status and contains a two way voice over a cellular network. It consists of a single rechargeable, non-replaceable cell module, GSM antenna and electronic PCBs housed within a non-metallic enclosure.

The cell is recharged in a non-hazardous environment by connecting a custom charge clip to external contacts. The external contacts and charge clip are restricted to use in a non-hazardous area.

The charge clips four contacts mate to four external contacts on the bottom of the monitor and is held in place by the 'c' shaped clip. The other end of the charge clip accepts a USB connector.

16 Test report No. (associated with this certificate issue): TRA-028120-33-00A.

17 Specific Conditions of Use

1. Only charge the battery in the safe area.
2. For use with accessory Charge Clip, Model 102052 certified under EMT16ATEX0045X.

18 Essential Health and Safety Requirements (Directive Annex II)

In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

<u>Clause</u>	<u>Subject</u>
None	None

19 Drawings and Documents

The list of controlled technical documentation is given in Appendix A to this schedule.

20 Routine Tests

1. All samples of the vibration motor shall be tested to ensure an inductance of < 100uH.

21 Specific Conditions for Manufacture

None.

22 Photographs

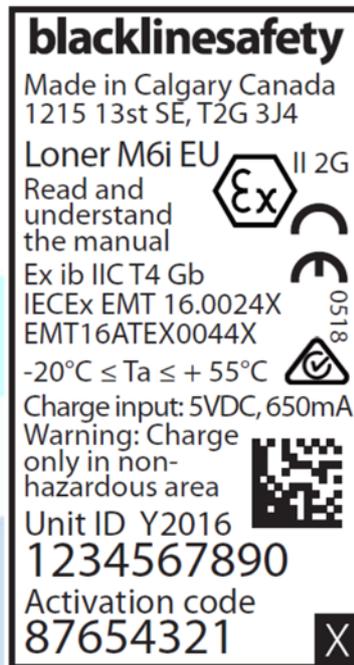


Loner M6i EU



Loner M6i EU with charge clip attached.

23 Details of Markings



24 Details of Variations to this Certificate

- None.

25 Notes to CE marking

In respect of CE Marking, Element Materials Technology accepts no responsibility for the compliance of the product against all applicable Directives in all applications.

26 Notes to this certificate

Element Materials Technology certification reference: **TRA-028120-32-00**.

Throughout this certificate, the date format yyyy-mm-dd (year-month-day) is used.

Notified Body 0891 is the designation for Element Materials Technology Warwick Ltd (formerly known as TRaC Global Ltd).

27 Conditions for the validity of this certificate

This certificate remains valid for so long as:

- The equipment listed in section 4 is manufactured in accordance with the documents listed in Appendix A of this certificate.
- The standards listed in section 9 of this certificate continue to satisfy the Essential Health and Safety Requirements of Annex II of Directive 2014/34/EU and the generally acknowledged state of the art (e.g. as determined by the publishers of those standards).

CONTINUATION OF SCHEDULE TO CERTIFICATE EMT16ATEX0044X

APPENDIX A - TECHNICAL DOCUMENTS

Title:	Drawing No.:	Rev. Level:	Date:
Main Unit Label	0155_SA_MD_M6i_ProductLabel-R7.ai	7	2016-09-28
Manual	101926	5	*
LonerATEX Main Assembly (4 sheets)	01220-A4269	R01B	2016-04-19
LonerATEX PCB Assembly Potting procedure (2 sheets)	01220-A7119	R01B	2016-01-11
Schematic, main board (10 sheets)	SCH_101368	09	2016-09-27
PCB specification, main board (3 sheets)	LATEX-03-xx PCB_101367	03	2016-04-28
BOM, main board	BOM_101368	09	2016-09-01
Schematic, PCM	SCH_L3PKE	07	2016-09-13
PCB Specification, PCM	L3PKE-06-xx	06	2016-09-13
BOM, PCM	BOM_L3PKE	07	2016-09-12
Schematic, speaker board	SCH_101865	02	2016-07-27
PCB specification, speaker board	LTXSPKR-02-xx	02	2016-07-27
BOM, speaker board	BOM_101865	02	2016-07-27
LATEX-03-xx gerber	PCB_101367	03	2016-04-27
LTXSPKR-02-xx gerber	PCB_101864	02	2016-07-27
L3PKE-06-xx gerber	PCB_PCM	06	2016-09-14
Belt Clip	00842-L117	R01A	2016-04-07

*No information provided.