



Certificate of Compliance

Certificate: 2172723 **Master Contract:** 186718 (108338_0_000)
Project: 70167066 **Date Issued:** 2018-10-26
Issued to: **RKI Instruments Inc.**
33248 Central Ave
Union City, California 94587-2010
USA
Attention: Manny Flores

The products listed below are eligible to bear the CSA Mark shown



Issued by: *Semyon Baum*
Semyon Baum

PRODUCTS

CLASS - C482801 - SIGNAL APPLIANCES --Combustible Gas Detection Instruments-For Hazardous Locations

CLASS - C482802 - SIGNAL APPLIANCES-Toxic Gas Detection Instruments - For Hazardous Locations

Class I, Division 1, Groups A, B, C, and D T3C

EAGLE 2, series of portable Gas Detection Instruments, Battery powered (rated 6.0 Vdc); Intrinsically Safe and Suitable for Class I, Groups A, B, C and D; Hazardous Locations. Temperature Code T3C. Ambient = -20°C to +50°C

Intrinsically safe when powered with the following battery types only:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Chemistry</u>
Eveready / Energizer	E93	Alkaline
Eveready / Energizer	EN93	Alkaline
Duracell	MN1400	Alkaline
Duracell	PC1400	Alkaline
Harding	HS-C4600	NiMH
Harding	HL-C4600	NiMH

APPLICABLE REQUIREMENTS



Certificate: 2172723
Project: 70167066

Master Contract: 186718
Date Issued: 2018-10-26

C22.2 No 152 - M1984	Combustible Gas Detection Instruments.
C22.2 No 157 - M1992	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.
C22.2 No. 61010-1-12	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
ANSI / ISA 12.13.01: 2000	Performance Requirements for Combustible Gas Detectors

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown without an indicator for Canada only (indicating that products have been manufactured to the requirements of Canadian Standards).Main Unit

- (1) Submitter's name, trademark, or the CSA file number (adjacent the CSA Mark).
- (2) Catalogue / Model designation.
- (3) Date code / Serial number traceable to month and year of manufacture.
- (4) Class I, Groups A, B, C, D
- (5) "INTRINSICALLY SAFE, Exia"
- (6) Temperature code T3C.
- (7) Maximum ambient 50°C
- (8) The CSA Mark.
- (9) C22.2 No 152
- (10) Warning: Read and understand manual before operating
- (11) Use with RKI battery pack
- (12) Charge only with RKI charger 49-2175RK

Battery Pack

- (1) Submitter's name, trademark, or the CSA file number (adjacent the CSA Mark).
- (2) Catalogue / Model designation.
- (3) List of Replacement battery types
- (4) BATTERIES MUST ONLY BE CHANGED OR CHARGED IN AN AREA KNOWN TO BE NON-HAZARDOUS



Supplement to Certificate of Compliance

Certificate: 2172723

Master Contract: 186718 (108338_0_000)

*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70167066	2018-10-26	Update to report 2172723 of the EAGLE 2, series of portable Gas Detection to include new LEL Sensor NC-6244A which is hydrogen specific, update existing drawings and evaluate and insert new drawings. Evaluation for compliance to requirement of CAN/CSA-C22.2 No. 61010-1-12
70112560	2017-03-08	Update to report 2172723 of the EAGLE 2, series of portable Gas Detection to include add an alternate Battery PCB to the file. The alternate Battery PCB's construction remains identical to the existing Battery PCB with the exception of component ratings and trace layout and to increase the fuse rating and protection diodes on the PCB located within the instruments battery pack.
70007776	2014-07-24	Update to Report 2172723 to include new FRAM to replace obsoleted part. PCB layout changes made to accommodate this. Assumes no testing in needed.
2486155	2011-12-21	Update to report 2172723 to change diodes MA3X721 (ref D6, D7 and D8) to be changed to DB3X313K.
2457029	2011-09-19	Update of Report 2172723 to review changes to the outline of the main PCB and the locations of several components.
2172723	2010-03-31	Eagle 2 series of combustible / toxic gas monitors for Canada.