



Certificate of Compliance

Certificate: 70062508 (088082_0_000)

Master Contract: 180880

Project: 70062508

Date Issued: 2016-03-25

Issued to: W. L. Walker Co, Inc.
330 N Boulder Ave.
Tulsa, Oklahoma 74103
USA

Attention: James Acton

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Shayla Galland
Shayla Galland

PRODUCTS

CLASS - C225803 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

CLASS - C225883 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive-Systems-For Hazardous Locations-Certified to U.S. Standards

Class I, Division 1, Groups A, B, C, and D, T4; Ex ia Group IIC, T4; Class I, Zone 0, AEx ia IIC, T4

Walker Tulsa Ranger and ISOTHERM MKIIs Hand-held Portable Digital Thermometers with rigid or cable connected RTD probes. Rated 3.7V_{DC} at 0.1A, these thermometers are Intrinsically Safe and suitable for Class I, Groups A, B, C, and D; Class I, Zone 0, Ex ia Group IIC; Hazardous Locations, Temperature Code T4.

The models are intrinsically safe when powered with the Energizer L92 AAA or Energizer L91 AA intrinsically safe lithium iron disulfide cells.

NOTES:

1. The Walker Tulsa Ranger and ISOTHERM MKIIs have special conditions for use. Both models have an option for the enclosure to be manufactured from 6063-T5 or 6061-T6 aluminum alloy. In rare cases, ignition sources due to impact and friction sparks could occur. This shall be considered during use if the equipment is used in a Zone 0 location. The Walker Tulsa Ranger and ISOTHERM MKIIS also have the



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option to be manufactured with grade 303 or grade 304 stainless steel, which is acceptable for a Zone 0 environment.

2. The Walker Tulsa Ranger and ISOTHERM MKIIs have the option to be equipped with a temporary grounding cable with an alligator clip. Please refer to the user's manual for instructions on use of the temporary bonding connector. Proper use and installation of the bonding conductor is at the discretion of the Authority Having Jurisdiction.

APPLICABLE REQUIREMENTS

CSA Standard No. C22.2 No. 0-10 (R2015)	General Requirements – Canadian Electrical Code, Part II
CSA Standard No. C22.2 No. 142-M1987 (R2014)	Process Control Equipment
CSA Standard No. C22.2 No. 60079-0 (R2011)	Explosive Atmospheres – Part 0: Equipment – General Requirements.
CSA Standard No. C22.2 No. 60079-11 (R2011)	Explosive Atmospheres – Part 11: Equipment protection by intrinsic safety "i".
UL Standard No. UL 913 8 th edition (R2015)	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations.
UL Standard No. UL 916 5 th edition (R2015)	Safety Energy Management Equipment
UL Standard No. 60079-0 6 th edition (R2013)	Safety Explosive atmospheres – Part 0: Equipment – General requirements
UL Standard No. UL 60079-11 6 th edition (R2013)	Safety Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety "i"

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 with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following information appears on the Walker Tulsa Ranger and ISOTHERM MKIIs labels:

- (1) Submitter's name, trademark, or the CSA File Number (adjacent to the CSA Mark)
- (2) Catalogue or Model designation
- (3) Date code or Serial Number traceable to month and year of manufacture



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- (4) Complete Electrical Ratings (Volts, Amps)
- (5) Hazardous Location Designations
- (6) Temperature Code Rating
- (7) The CSA Mark, with the NRTL C/US indicator
- (8) The following statements:
 - a. "INTRINSICALLY SAFE"
- (9) The following warning statements:
 - a. "WARNING – DO NOT OPEN BATTERY OR DATA PORT COVER WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT"
 - b. "WARNING – USE ONLY ENERGIZER L92 BATTERIES" for Walker Tulsa Ranger
 - c. "WARNING – USE ONLY ENERGIZER L91 BATTERIES" for ISOTHERM MKIIs or
 - d. "WARNING – USE ONLY ENERGIZER L92 BATTERIES" for ISOTHERM MKIIs



Supplement to Certificate of Compliance

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*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
70062508	2016-03-25	Original North American certification for Intrinsically Safe protection type Class I, Groups A, B, C, & D; Class I, Zone 0, Group IIC for Walker Tulsa Ranger and ISOTHERM MKIIs models.