



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1194844

Master Contract: 210111

Project: 2064321

Date Issued: 2008/10/02

Issued to: Sierra Technology Corporation

2344 Gregg St
Carson City, NV 89701
USA

Attention: Chris Gelderman

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



Issued by: Wesley Van Hill, C.E.T.

Authorized by: Patricia Pasemko, Operations
Manager

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Groups B, C & D; Class II, Groups E, F & G; Class III; Encl Type 4:

Model RED-1 (or 3100) Multi Spectrum Flame Detector, Input rated 15 - 32 Vdc, 82 mA max, Output Contacts rated 0.5 A @ 120 Vac, 1 A @ 24 Vdc, Ambient operating temperature -40 to 85°C. Temperature Code T5

This same equipment may be supplied marked with either the name SIERRA SAFETY TECHNOLOGY INC or SIERRA MONITOR CORP, Model numbers are shown below:



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Model Number	Model Number	Base Part	Verify Relay	Aux. Relay
Sierra SAFETY	Sierra MONITOR	Number	Description	
RED 1 - ST	3100-01	D000-0001	Standard Multi Spectrum	
RED 1 - ST - E1	3100-02	D000-0011	Open Contacts	Closed Contacts
RED 1 - ST - E2	3100-03	D000-0021	Closed Contacts	Open Contacts
RED 1 - ST - E3	3100-04	D000-0031	Open Contacts	Open Contacts
RED 1 - ST - E4	3100-05	D000-0041	Closed Contacts	Closed Contacts
RED 1 - ST - W	N/A	D000-0101	Standard Multi Spectrum	

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 0-M1991 - General Requirements - Canadian Electrical Code Part II

CSA Standard C22.2 No.0.4-M2004 - Bonding of Electrical Equipment

CSA Standard C22.2 No. 25-M1966 - Enclosures for Use in Class II Groups E, F and G Hazardous Locations

CSA Standard C22.2 No. 30-M1986 – Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CSA Standard C22.2 No. 94-M1991 - Special Purpose Enclosures

CSA Standard C22.2 No.142-M1987 – Process Control Equipment



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
2064321	2008/10/02	Update to report 1194844 to include upgraded electronics, software and documentation

History

1194844 - June 5, 2001 - Original Model Certification RED-1 (or 3200) Multi Spectrum Flame Detector.

Supplement Notes