



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

LOW CONCENTRATION (PPM) GAS DETECTORS, Fixed and Portable

Gas Detector Model 4501-05 and 4501-51 are explosionproof for installation in Class I, Division 1, Groups B, C and D Hazardous (Classified) Locations. Model 4501-05 is a transmitter with an integral Sensor which monitors selectable ranges of 0-10 PPM, 0-50 PPM, or 0-100 PPM hydrogen sulfide gas-in-air. Model 4501-51 is a transmitter with a remote Sensor which monitors selectable ranges of 0-10 PPM, 0-50 PPM, or 0-100 PPM hydrogen sulfide gas-in-air. The instrument provides a three-digit measurement display with Warning, Alarm and Fault LED indicators and a 4-20mA measurement signal. The operating temperature range of the apparatus is -40°C to +50°C and operating voltage is 24 Vdc (nominal), 4W maximum power. In addition, the apparatus complies with ISA-92.0.01, Part I-1998 Performance Requirements for Toxic Gas-Detection Instruments: Hydrogen Sulfide. The following accessories are included in the Approval:

<u>Model</u>	<u>Description</u>
1250-01	Gas Sensor Calibrator Kit, Type A (w/o gas cylinders)
1256-01	Regulator Type A Calibrator
1260-05	Gas Cylinder – Hydrogen Sulfide in N2, 25 PPM, (Type A), 57 liters
1260-45	Gas Cylinder – Hydrogen Sulfide in N2, 10 PPM, (Type A), 57 liters
5358-01	Calibration Adapter - Direct, Standard
5358-51	Calibration/Configuration Magnetic Tool, 4501-051250-01

FM Approved for:

Sierra Monitor Corporation
1991 Tarob Court
Milpitas, CA 95035

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

ISA-92.0.02, Part I	1998
Class 3600	1998
3615	1989
3810	2005

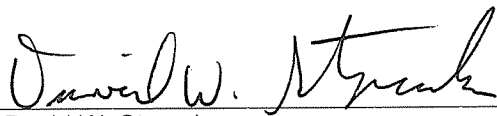
Original Project ID: 3028099

Approval Granted: *April 4, 2007*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC



David W. Styrcula
Technical Team Manager

April 4, 2007
Date