



sierra monitor corporation

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For Immediate Release

2-Wire H₂S Toxic Gas Sensor Wins FM Performance and Safety Approval

May 3, 2007 – Sierra Monitor Corporation, Milpitas, California proudly announces that the 2-wire Hydrogen Sulfide Gas Sensor Module, Model 4501-05 has received FM approval for both hazardous location operation and performance.

The FM Performance approval has granted the Sierra Monitor 2-Wire H₂S Gas Sensor Module the first approval for a six month calibration interval, the longest calibration interval in the industry. Thus, the maintenance cost for the Sierra Monitor 4501-05 is **HALF** that of any other area safety toxic gas sensor in the industry!

Two-wire, loop powered gas detectors already provide the user with lower cost and easier installation and maintenance. This eliminates the need for separate power runs and associated power distribution and circuit protection for each device.

Now, in addition to its user-friendly operator interface, stainless steel durability and non-intrusive calibration, the 4501-05 H₂S Gas Sensor module includes the advantages of:

- ◆ **Low maintenance costs** due to 180 day (six-month) calibration interval
- ◆ **Low installation costs** due to 4-20 mA 2-wire loop-powered design
- ◆ **Performance confidence** with FM approval for performance and area safety requirements
- ◆ **Proven fastest response time**, highest accuracy, and specifications unmatched in the industry.

About Sierra Monitor Corporation

Sierra Monitor Corporation manufactures and integrates hazardous gas monitoring systems for industrial safety applications. With more than 26 years experience and over 14,000 installations of fixed gas monitoring systems Sierra Monitor is a technology leader in the industry. Sierra Monitor's accomplishments include the **first** digital bi-directional multi-drop communication bus between sensors and controller, the **first** serial Modbus communication output for plant-wide systems, the **first** interface to third party legacy sensors and devices and the **first** cost-effective web-based graphical system for monitoring plant-wide hazardous gas conditions.