



Pyott-Boone Electronics

A FETTEROLF GROUP COMPANY

www.pyottboone.com



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To Whom It May Concern:

It came to our attention at Pyott-Boone during 2009 that the saturation of Radio Frequency (RF) devices in the mining industry over the past few years is causing several of our gas monitor models to experience false detections when a mid to high power RF transmitter is nearby for the duration of any transmission.

Our Model 2200 Multi-Gas unit has been manufactured since the 1st Quarter of 2008 with a small circuit modification to minimize the interference but we have been unable to apply a satisfactory correction to our single gas detectors. This problem arises from the separation inside the unit of the gas sensor from the circuit board. The RF signals penetrate the outer enclosure and are amplified by the gas monitors.

Therefore we have designed a new model of our widely used Carbon Monoxide single gas unit for release during the first half of 2010 that will be much more resistant to RF interference.

In regards to all Pyott-Boone gas monitors, including the Model 1711SMD, currently in operation around the world we recommend a safe distance of 50 feet from the gas monitor to any RF emitting device. We realize this is not always possible so please be aware that any RF transmission inside that range will most likely cause a detection spike for the entire length of the transmission. These false readings will be recorded on the MineBoss™ Atmospheric Monitoring System in the event log. State and Federal inspectors should be made aware of this issue and that it does not constitute as a failure of the AMS and is easily recognizable as an instant maximum value spike versus a gradual increase as seen with actual rising CO levels.

If you have any questions please contact us at (276) 988-5505 or pboone@pyottboone.com.



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