invertech®
Instruments That Work

Detects Carbon monoxide as specifed in Federal OSHA Title 29, Section 1910.134 (d) (1) & (2)

Personnal Compressor Air Monitor

P.A.M.

Description

The PAM instrument is a small belt worn, battery powered, and portable carbon monoxide monitor. The PAM is equipped to accept a compressed air line and provide an outlet for breathing apparatus. A small sample (0.5 SCFH) is diverted to the monitor's chemical cell sensor. When carbon monoxide levels in the sample reach or exceed 10 ppm Federal OSHA regulations under Title 29, Section 1910.134(d)(1) & (2) the PAM activates audio and visual alarms. The internal 9 VDC battery provides low battery alarm after several thousand hours of use.

Application

The PAM instrument provides personal protection for any application requiring breathing air protection at the point of delivery. The PAM instrument insures carbon monoxide protection and an outlet to support hoods, respirators and similar breathing air devices. Simple single gas calibration, months of operation on an inexpensive 9VDC battery and over a year of sensor life make the PAM a budget friendly addition to safety instrumentation.

Other related breathing air monitors

Standard Features

- Electrochemical Sensor
- 10 ppm Carbon monoxide Alarm
- Protection from RF.
- Simple single gas calibration
- Top mounted Alarm light
- Battery test button
- Microprocessor based circuitry
- Rugged Non-metallic case
- 9 Volt Transistor battery power
- 98db Alarm Horn

Approvals and Certifications

Meets OSHA requirements for CO monitoring

* Federal OSHA title 29 , Section 1910.134 (d) (1) & (2)

Benefits

- Low operating cost
- Flexible installation
- Visible status in all lighting conditions

Federal OSHA regulations specify Grade D air for use with supplied air respirators. In 1989, the Compressed Gas Association established a maximum concentration of 10 ppm Carbon monoxide for Grade D air as published in ANSI/CGA Standard G-7.1.

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