invertech®
Instruments That Work

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

Respiratory Compressed Air Monitor

C.A.M. 800

Description

The CAM 800 is a portable gas monitor designed to check carbon monoxide levels and toxic hydrocarbons in compressor supplied breathing air. Audio and visual alarms are provided when the carbon monoxide level exceeds the 10 ppm limit outlined in Federal OSHA regulations under Title 29, Section 1910.134(d)(1) & (2). The CAM 800 is enclosed in a water resistant commercial enclosure to withstand the difficult working environment associated with engine driven compressor systems in the field.

Application

For demanding field operations using engine driven compressors and otherwise difficult situations the CAM 800 instrument is a clear choice. Enclosed in a durable water resistant case the CAM 800 can be readily connected to the compressed air stream and provide protection from carbon monoxide and a wide range of toxic gases and hydrocarbons. In addition to the visual and audio alarms provided by the basic instrument a remote alarm package can be provided for personnel working in remote locations. A single bottle of test gas and a straightforward procedure keep the CAM 800 in the field for calibration and maintenance.

C.A.M. 800 Portable Respiratory Air Monitor

Optional Remote Alarm

Standard Features

- Metal Oxide Sensor
- 10 ppm Carbon monoxide Alarm
- Rugged Electronic flow indicator
- Continuous check of proper sample flow to sensor
- Protection from RF.
- Field Programmable for continuous or interrupted operation
- Simple single gas calibration
- Alarm Only monitor with Rugged electronic flow display
- Internal relay and 12 VDC alarm output for remote alarms
- Microprocessor based circuitry
- Rugged Non-metallic case
- 120 volt AC or 12 volt DC (Field changable)
- 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
- Broad range toxic protection
- One monitor can provide protection for all personnal down stream of the monitor.
- Self monitoring for proper sample flow
- DC output for option external devices & dry contact relay output

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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