RAD-0102-6:

Remote CO2 Storage Safety Alarm Testing Procedures

Manufacturer's Note: Periodic function verification shall occur to ensure that carbon dioxide monitoring systems are functioning as designed by the system manufacturer. It is the user's responsibility to verify that the gas monitoring system and any related components are operated and maintained in accordance with the manufacturer's instructions and jurisdictional requirements. - *referenced from The Compressed Gas Association G6.14*

Products Required:

- **1x Small (5-20 lbs.) cylinder of mixed gas:**
  - 5% CO2 BALANCE NITROGEN
- **1x Flow Regulator**
- **1x Set of Tubing with ID of 3/16"**

1. Purchase the mixed gas required from your local gas distributor.

2. Connect the flow regulator to the cylinder.

3. Connect the tubing to the outlet of the flow regulator.

Performing the Test

1. Ensure that your CO2 safety monitor is installed and operating correctly.

2. Locate the sensor on the device (it sits behind the hole in the top left corner of the main unit)

3. Open the valve on the gas cylinder.

4. Turn the flow regulator to open so that 0.5-1.0 liters of CO2 are flowing per minute.

5. Direct the head of the tubing at the sensor location on the monitor. Leave at least 1" between the tube and the sensor opening to prevent damage to the sensor.

6. The device will begin to display increasing PPM values of CO2 eventually driving the device in to all three alarm stages.

7. Discontinue the flow of gas once the testing parameters have been satisfied.

8. The device will work its way back out of alarm status on its own in reverse order of its ascension.

9. If the "FLT" light is flashing reset the unit utilizing the directions in the document titled "Resetting your RAD-0102-6 Remote CO2 Storage Safety Three Alarm Monitor".

Still Need Help? Contact Us
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