

# RAD-0002-ZR Oxygen Deficiency Safety Alarm Testing Procedures

## Products Required

- Small (5-20 lbs.) cylinder of gas: 100% NITROGEN
- Flow Regulator
- Tubing with ID of 3/16"



Purchase the mixed gas required from your local gas distributor.

Connect the flow regulator to the cylinder.

Connect the tubing to the outlet of the flow regulator.

## Performing the Test

Ensure that your O<sub>2</sub> safety monitor is installed and operating correctly.

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



Open the valve on the gas cylinder.

Turn the flow regulator to open so that 2.0 liters of N are flowing per minute.

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.



The device will begin to display increasing % values of O<sub>2</sub> eventually driving the device into all three alarm stages.

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

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

If the "FLT" light is flashing reset the unit utilizing the directions in the document titled "Resetting your RAD-0002-ZR Oxygen Deficiency Safety Monitor."