

Gas Detection Training Outline

David Molinatti 714-403-1915 dmolinatti@indsci.com

There's pain in discipline and there's pain in regret. Either way there is pain. In the world of safety the pain of discipline is significantly less.

Three Most important Rules to Live By:

- 1) Bump Test your monitor
- 2) Proper Confined Space Entry – 2x2 Rule
- 3) When in a confined space, if your monitor alarms, GET OUT, then go to your peak screen to see your readings

The Purpose of Multi Gas Meters

Who wears one and why – Safety Tool

Where the monitors should be worn

General Maintenance

Cleaning Monitors – Only with a heavily diluted dish soap such as Dawn.

Pump Filters – replace frequently. Located under cap

Docking Station – how to use them

Lights and instructions on docking station

Calibration versus Bump Test

How to force a calibration or bump test

iNet Connectivity

Troubleshooting – call 800-338-3287 x 3 for tech support. Provide technician with a serial number of your monitor and they will be able to help you resolve your issue

Powering up your Meter

Warm Up

Clearing your Peaks – Why, How, When

Zeroing "0" your monitor – Why, How, When

Pump Style Gas Monitors

2X2 Rule = 2 seconds per foot of tubing + 2 minutes every 4 feet. i.e. 20 foot confined space would equal (2 seconds x 20 ft) + 2 minutes = 2 minutes and 40 seconds every 4 feet from bottom to top. Why follow this rule?

Perform Pump Check at end of tubing. Why?

Recommended to have filter at end of tubing

Non Hazardous Monitor Responses

Hand Sanitizer

Aromatics – Coffee grounds, Orange peels...

Understanding Alarms and what to do when you get one

Possible Responses and why do we respond the way we do?

Alarm Settings, Low, High and for your toxic sensors, STEL & TWA

LEL Alarms

LEL Correlation Factors

60% LEL Alarms – “Latched” – What this means and how to clear

100% LEL Alarms – “OR” Over Ranged – What that means and how to clear

Changing Gas Cylinders

Indicators gas is low or empty and how to replace cylinders, including iNet Card

Additional Notes: