



# Hose Co.2 - Westbury FIRE DEPT.

## TRAINING REFERENCE

### MSA - SOLARIS - MULTI GAS DETECTOR



#### 4 Gas Detector:

#### **CO - Carbon Monoxide**

Alarms @ Low > 35ppm High 100ppm

#### **O2 - Oxygen**

Alarms @ Low <19.5%, High 23%

#### **H2S - Hydrogen Sulfide**

Alarms @ Low 10ppm, High 15ppm

#### **Explosive Levels CH4 - Methane**

Alarms Low 10% LEL - 5% CH4

High 20% LEL

but detects all Hydrocarbons.

**STEL ( over 15 Min ) - 400 PPM CO, 15 H2S**

**TWA ( over 8 hrs ) -35 PPM CO, 10 H2S**



**ON/OFF** - Takes time to Warm up & do self checks  
( Done is a Clean Air Environment )

Once Self Check is Complete

“ZERO” will flash for 10 seconds on screen

If absolutely know in Zero environment ( free of any hazards )

Press ON/OFF button while flashing - this will be your starting “0”

If unsure or wish to Bypass Press **RESET** and it will default to last fresh air reset readings - If no button is pushed within the 10 it will default to last fresh air reading as if reset was pressed.

#### **Now Ready to Use**

Note screen reading and environment has up to 5 second delay so when metering you want to moving slowly through environment..

If Alarms - You are in a dangerous environment

Alarm can only be reset once out of the Hazard and by pressing the RESET

To Turn Off - Hold ON/OFF for 3-5 Seconds



# Hose Co.2 - Westbury FIRE DEPT.

## TRAINING REFERENCE

### MSA - SIRIUS - MULTI GAS DETECTOR



Multi Gas Detector:

**CO - Carbon Monoxide**

Alarms @ Low > 35ppm High 100ppm

**O2 - Oxygen**

Alarms @ Low <19.5%, High 23%

**H2S - Hydrogen Sulfide**

Alarms @ Low 10ppm, High 15ppm

**Explosive Levels CH4 - Methane**

Alarms Low 10% LEL - 5% Ch4

High 20% LEL

but detects all Hydrocarbons.

**VOC- Volatile Organic compound**

Alarms @ Low 50, High 100

**STEL ( short term exposure Limit ) ALARM**

15 ppm H2S

400 ppm CO

VOC 25.0

**TWA ( Time Weighted average ) ALARM**

10 H2S

35 ppm CO

10 VOC

**ON/OFF** - Takes time to Warm up & do self checks

Works the same as the solaris:  
Time to run checks, zero, turning  
off...



# Hose Co.2 - Westbury FIRE DEPT.

## TRAINING REFERENCE

### Honeywell GasAlert - MULTI GAS DETECTOR



#### 4 Gas Detector:

##### **CO - Carbon Monoxide**

Alarms @ Low > 35ppm High 200ppm

##### **O2 - Oxygen**

Alarms @ Low <19.5%, High 23.5%

##### **H2S - Hydrogen Sulfide**

Alarms @ Low 10ppm, High 15ppm

##### **Explosive Levels CH4 - Methane**

Alarms Low 10% LEL - 5% Ch4

High 20% LEL

but detects all Hydrocarbons.

**ON/OFF** - Takes less time to Warm up & do self checks than the MSA's

**Turning Off** - Same as others Hold Down 3-5 Seconds until beeping stops.

Once Runs through checks - Good to proceed with monitoring -  
again note: 3 to 5 second delay in actual reading in displaying  
- so move slow through environment