



FACEBOOK FORUM

BASIC FIREGROUND MONITORING

BROADCAST DATE: September 2, 2020
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Basic Fireground Monitoring

- What is monitoring?
 - o Characterizing an atmosphere using instrumentation
 - o Helps determine presence and/or concentration of hazardous materials
 - o Recon vs. Operational

- What is leak detection?
 - o To determine if and in some cases where a leak has occurred in a system

- Common fireground incidents requiring monitoring
 - o Natural gas odor
 - o CO detector activation
 - o Liquid fuel spill
 - o Normal fireground operations

- Basic fireground monitoring equipment
 - o PH paper
 - Discuss uses
 - o Sensit
 - Discuss what it does in relation to 4-gas/LEL
 - o Single gas meter
 - HCN
 - o 4-gas meter
 - LEL, O₂, H₂S, CO
 - Discuss basic operation
 - Discuss start-up procedures and fresh air calibration
 - Discuss bump testing vs. calibration
 - o PID
 - Discuss uses
 - o Area Monitoring

- Basic odor investigation walk-through
 - o PPE needs
 - o Required monitoring needs
 - o Back-up line
 - o Notification of gas company
 - o 4-gas for area monitoring
 - o Sensit for detection of concentration around doorways and windows