



Month Topic: Industrial Hygiene

- **Industrial Hygiene** – the science of protecting and enhancing the health and safety of people at work or in their communities. Health and safety hazards cover a variety of chemical, physical, biological and ergonomic stressors.
- Industrial Hygienists focus on indoor air quality, supervising limits on exposure to chemical and physical agents, hazardous waste management, temperature extremes, evaluating the exposure of anesthetic gases, identify health and safety problems that are present or future and much more.
- OSHA develops and sets requirements for occupational safety and health. OSHA relies on Industrial Hygienists, among others, to assess jobs for potential health hazards.
- Compact sized, personal single gas monitors are ideal for a wide variety of hazardous applications. When entering or working in a hazardous environment, these portable devices are often used by employees, surveyors, medical response teams for notification of dangerous gases.
- Failure to use such equipment may result health issues, possible death, heavy fines or loss of employment.



User Occupations

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Construction Inspectors • Fireman Crews/Technicians • Safety Managers/Specialists • HAZMAT Removal workers • HVAC Contractor | <ul style="list-style-type: none"> • Environmental Scientists • Environmental Technicians • Industrial Hygienists • Continuous Mining Operators • Occupational Health Specialist | <ul style="list-style-type: none"> • Oil Rig Worker • Paper Mill Worker • Chemical Plant Workers • Refrigerant Mechanics • Many more |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Macurco Gas Products Gas in the News Learn More

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Portable HS-1 Detector • Portable CM-1 Detector • Portable OX-1 Detector • Other gas products | <ul style="list-style-type: none"> • Leak at Dupont Factory • CO Deaths rising • LG Nitrogen Leak • Sydney Family | <ul style="list-style-type: none"> • Gas Detection Market • CO Q & A • Preventing CO poisoning • UK NO2 Cleanup |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Applications

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ✓ Sewer Gas ✓ Forklifts ✓ Loading Docks ✓ Refineries ✓ Factories ✓ Cold Storage Rooms ✓ Storage Sheds | <ul style="list-style-type: none"> ✓ Tunnels ✓ Manholes ✓ Sub cellars ✓ Silos ✓ Wastewater Treatment Plant ✓ Ship Holds ✓ Swamp Gas | <ul style="list-style-type: none"> ✓ Open Ditches ✓ Paper Mills ✓ Waste Disposal ✓ Manure Gas ✓ Industrial Chemical Plants ✓ Crude Petroleum ✓ Welding Applications |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|