

APPLICATION NOTE

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Oil & Gas Industry Fixed Point Applications

The processes of turning crude oil into gasoline and producing compressed natural gas create numerous gas hazards within the facilities. These hazards may include:

- CO, H₂S, O₂, SO₂ and Combustible Gases

The different processes in which hazardous gases are found are:

- Exploration (shallow drilling, blasting, seismic activity)
- Drilling (spudding, drilling, re-drilling, flaring)
- Production (water/steam/CO₂ injection)
- Transportation, Storage and Distribution (inert gas blanketing, pipeline monitoring)
- Refining (separation, CAT cracking, crude to gasoline)



The Industrial Scientific WorksAlone 2™ has many features designed to meet the diverse challenges of monitoring within the Oil and Gas industry. Features include:



Features include:

- 2" X 2" graphic LCD split-screen display
- Single or dual sensor configuration
- Dual 4-20 mA signal outputs
- Non-intrusive, one button calibration
- Three on-board relay contacts
- Interchangeable plug-in toxic sensors
- Remote sensor capability
- On-board last calibration date
- On-board last alarm date
- On-board span reserve value
- LEL over-range protection on catalytic sensors

Key Contacts within the Oil and Gas industry are:

Plant Safety Manager

I & E Supervisor

Plant Maintenance Manager

Plant or Corporate Industrial Hygienist

Architecture and Engineering Firms

Contractors



OUR MISSION

Design - Manufacture - Sell: Highest quality products for the preservation of life and property
Provide: Best customer service available.