

1001 Oakdale Road
Oakdale, PA 15071-1500
USA

(412)788-4353
1-800-DETECTS (338-3287)
Fax 1-800-788-8383

APPLICATION NOTE

July 1, 1998

Issue 98-7.3

Petroleum Refining

The processes of turning crude oil into gasoline and other petrochemical products such as plastics and raw chemicals create numerous gas hazards within an oil refinery and its confined spaces. These hazards may include,

- Hydrogen Sulfide
- Carbon Monoxide
- Oxygen deficiency
- Hydrogen
- Sulfur Dioxide
- Combustible hydrocarbons and VOCs.



The Industrial Scientific ATX620 Aspirated Multi-gas Monitor has many features designed to meet the particular gas detection needs of oil refineries including,

- Broadband combustible infrared sensor for inerting applications
- PPM combustible hydrocarbon mode with 50 PPM resolution
- 0 - 999 PPM hydrogen sulfide monitoring range
- Two-year oxygen sensor
- Interchangeable toxic sensors
- Internal sampling pump
- Interchangeable alkaline (16 hours) and nicad (13 hours) battery packs
- High intensity audible and ultrabright visual alarm
- One-button calibration
- Stainless steel construction
- Optional 100 hour datalogging
- Lifetime warranty



Key Contacts at an oil refinery:

- Plant maintenance superintendent
- Plant safety manager
- Corporate safety director and industrial hygienist
- I & E supervisor
- Contractors

OUR MISSION

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