



Monitoring Lower Flammable Limit Protects Lives While Maximizing Production and Profit

Reducing Risks

Every year excessive increases in LFL levels result in severe plant damage, extended downtime, injuries, and even death to personnel. Using the correct analyzer to monitor the LFL level in the process can greatly reduce these risks and help comply with standards and regulations.

Although several different types of sensors are employed as LFL monitors, each has an appropriate application to which it is best suited. Fires and explosions in equipment that was thought to be protected can occur without warning when a sensor is not capable of doing the job it's been assigned.

The appropriate LFL monitor will protect plant & personnel, comply with relevant codes & standards, AND can also increase the profitability of a production process. Choosing the right LFL monitor may take time and effort, but the benefits to a company and it's employees are more than worth it.

Choosing an LFL Monitor: What to Look For

- Compliance with standards & regulations
- Reading accuracy
- Response time
- Proper sample handling
- Failsafe design

When choosing an LFL monitor, the goal is staying safe and gaining reliable protection while optimizing production and satisfying regulations. To do so, the monitor should be fast, accurate, and durable. The installation should allow for accurate readings while meeting all applicable codes and standards.

Since a company is relying on this monitor to keep it's people and equipment safe, it must have the ability to alert if it's not functioning properly, producing an alarm and initiating corrective actions in time to prevent a disaster.

Choosing a Specialist : Find the Right Product for Your Application

When selecting a LFL monitor, it's always a good idea to enlist the advice of a specialist in the field. Serving the safety, process, and environmental industries since 1969, Control Instruments' has dedicated its expertise to the industrial community, providing safe and efficient environments for companies worldwide.

Our family of gas detection products includes continuous process and emissions analyzers, BTU analyzers, flammable gas monitors, oxygen and toxic sensors, and remote access and control devices. These instruments can be found in a variety of applications from printing, coating, and flexible packaging processes to semiconductor, pharmaceutical, and chemical manufacturers.