



Gas Detection for Confined Spaces

Confined spaces found in power plants, refineries, and mines may contain toxic or combustible gases within the surrounding atmosphere.

Today, there is a heightened need for consistent monitoring of ambient air in confined spaces. When monitoring the atmosphere in a confined space, there are several issues that need to be considered, reviewed and managed to ensure the safety of workers and facilities.

If workers are routinely exposed to both low and high levels of these toxic gases while entering and during the occupation of confined spaces, they can pose a significant risk to human health.

When properly used and maintained, WireFree gas detection provides convenient, reliable air quality monitoring for ease of use to every industry that involves confined space entry.

Depending on the need, WireFree gas detection may be designed for a single substance or can be fitted with multiple sensors—increasing company productivity while minimizing downtime and worksite accidents.

In addition, these units contain built-in alarms to promptly notify workers of dangerous conditions. Once an alarm is detected, a large, easy-to-read LCD display will verify the concentration of a dangerous gas or gases.

Although OSHA requires some form of air quality monitoring when confined spaces are involved, utilizing gas detection to detect oxygen, combustibles and toxic gases before entry is essential to ensure the safety of all personnel.

Otis Instruments offers a variety of wired and WireFree easy-to-use, robust and configurable gas detectors capable of detecting both toxic and non-toxic gases for diverse applications where confined spaces exist.

To learn more about our gas detection solutions for confined spaces, contact Otis Instruments today.