



Leader in Safety, Flame and Gas Detection

No matter the application, we have a fixed gas detection system that will help ensure that your employees go home safe every day.....

Our dedication to safety, backed by **more than 100 years of experience**, has made Jost's a reliable name in the flame and gas detection. Industries select Jost's supplied fixed-point and portable gas detectors and controllers for proven quality and reliability.

PRODUCTS

FIXED AND PORTABLE GAS MONITORING SYSTEM PRODUCTS



Controllers

Fixed Transmitters

Portable Detectors

APPLICATION

Gas Detection in Offshore Exploration and Production

Offshore exploration and production often is conducted in harsh environments, where climatic conditions team up with combustible and toxic gases to create working conditions that can go from safe to dangerous in the blink of an eye.



Gas Detection in the Food & Beverage Industry

Whether pre-cooking food, treating wastes and byproducts or ensuring food is preserved properly for shipment and safe keeping until it arrives at the grocery store, food and beverage processors use and also produce dangerous gases. As a result, gas detection is an

important part of the everyday safety requirements for these processing facilities.

Gas Detection in the Oil & Gas Industry

There are many inherent hazards associated with the processing of oil and gas, from the combustibility of the products themselves to harmful or even deadly gases. Gas detection is critical to protecting people and property from these hazards.



Gas Detection in the LNG and LPG Industries

The risk of leakage and subsequent explosion is present in every operational step of liquid natural gas production, from compression and odorization to storage and distribution. The high flammability of the gas makes reliable detection a critical priority.

Gas Detection in the Pharmaceutical Industry

With its use of toxic and inert gases in often confined spaces, the pharmaceutical industry requires significant gas monitoring on the production floor, in research and development laboratories and in plant utility rooms. Due to the use of nitrogen in many of these areas, detection of oxygen depletion is particularly important.



Gas Detection in the Petrochemical Industry

Derived from either petroleum or natural gas—two highly combustible products—petrochemicals bring significant risks during production. Determining the right gas detection system is dependent upon on the process and what is being produced.

Gas Detection in Water/Waste Water Treatment

Water purification and wastewater treatment processes produce a wide variety of toxic and combustible gas hazards that must be monitored on a continuous basis. Toxic gases also can build up in confined spaces, depleting oxygen and making those locations highly dangerous for plant personnel.



Gas Detection in Metals & Steel Production

With their many furnaces, flames and processes that emit hazardous gases, steel mills have a significant need for gas and fire detection. Each step in the steel making process—from coke production through ingot casting and rolling—has its specific hazards that must be addressed with a properly matched gas detection system.

Gas Detection in Power Stations

Gas detection requirements for power generation can vary widely based on the fuel source, which includes coal, oil, natural gas and nuclear. Regardless of the type of power facility, gas, fire and other hazards pose significant risk to employee safety and also can disrupt the supply of energy to commercial and residential customers.



Gas Detection in the Automotive Industry

Gas, fire and other hazards are found throughout the production and use of automobiles, from the plants where components are manufactured and cars are assembled to tunnels and parking garages where vehicle exhaust collects. While the type of gas hazard varies depending upon the application, the end result must be the same—the safety of

people and infrastructure.