

# 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.

Our products are ideally suited for water treatment systems. They are designed for all safety needs in unclassified areas, making them resistant to corrosion and highly durable in harsh environments.

## Specific Applications

- Collection storm water & wastewater
- Water treatment
- Wastewater treatment
- Discharge
- Transmission and distribution
- Confined space entry
- Data-logging/industrial hygiene—workplace exposures
- Environmental
- Fixed point

## Potential Hazards

- Ammonia
- Carbon monoxide
- Chlorine
- Chlorine dioxide
- Hydrogen chloride
- Hydrogen cyanide
- Hydrogen sulfide
- Nitric oxide
- Ozone
- Sulfur dioxide
- Volatile organic compounds
- Combustible gases
- Oxygen deficiency/enrichment