



GMI OZONE TECHNOLOGY RESEARCH & DEVELOPMENT

Guardian's senior scientist, engineers and full R&D research facility have the complete capabilities to provide in depth ozone chemistry analyses and bench top testing.

- Complete water chemistry analyses
- Ozone demand and decay water chemistry modeling
- Pilot system testing for complex ozone chemistries
- Bromate formation modeling and capabilities
- Computational theoretical models
- Bench top empirical testing



Here's what our customers are saying....



Major Bottled Water Plant in High Spring FL

"The system is everything Guardian said it was. Accurate delivery rates, maintenance free and efficient".

Orlando Aquarium Life Support Manager

"The Guardian ozone system is the best technology we have ever seen and we have tried them all".

Oil Sands Canada Processing Facility

"Our wastewater treatment systems are in very remote locations and the Guardian ozone system has been maintenance free".

Major Commercial Laundry Equipment Supplier

"The Plasma Block® Technology from Guardian operates silently which our workers love".



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Guardian's Ozone Technology uses PDM or Pulse Density Modulating to create a linear turndown of ozone production from 100% to 1%.

Systems are UL508, PID loop control using a 0 to 10 volt or 4 to 20 mA signal from the process sensor and utilize the best available gas mass transfer contacting system.

Reliability and Control

Plasma Block® generator cells have the unique characteristics to produce just the right amount of ozone based on the system setpoint.

Let Guardian Engineers design the correct ozone generating and ozone contacting system for your process.

Guardian is currently providing ozone systems in several markets including Beverage, Hospitals, Wastewater Treatment, Irrigation, Fruit & Vegetable Cold Storage and CIP Systems all over the world. Plasma Block® continues to be the best available ozone technology.

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