

GOgen™ Onsite Peroxide Generation Industrial Water Treatment Without Chemical Inputs

GOgen™ onsite peroxide generation for safe and efficient water treatment. Ditch the chemicals, embrace sustainability.



 No Chemical Inputs

 Sustainable

 Autonomous & Safe



Chemical-free, Safe and Sustainable

GOgen™ eliminates the need for harmful chemicals, ensuring water quality while minimizing environmental impact, making it the eco-friendly choice for water treatment.

Chemical-free Operation

GOgen™ operates with just water and power, eliminating the need for chemical inputs, storage, or handling.

Safe

An intrinsically safe process, without chemical inputs and outputting a safe concentration enhances occupational safety.

Sustainable

Breaks down to water and oxygen after use, leaving no unwanted disinfection byproducts behind.



Applications

GOgen™ generates green peroxide on-site, without any chemical inputs. This Onsite Green Oxidation process has a wide range of applications in industrial water treatment. Some examples include:

Cooling Water

GOgen™ generates Peroxide UltraPure™ onsite, a powerful, sustainable water treatment agent that prevents biofilm buildup. It's injected into water lines, improving cooling water quality.

Process Water

GOgen™ provides a high-efficacy, safe, sustainable, and autonomous solution for your process water treatment, without chemical inputs.

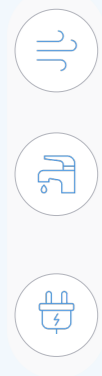
Odor Control

Peroxide UltraPure™, generated onsite using water and electricity by GOgen™, effectively oxidizes H₂S.

Advanced Oxidation Processes

Remove chemical inputs in Advanced Oxidation Processes (AOP) by generating Peroxide UltraPure™ onsite.

Inputs



It starts with water, It ends with water

Output and Line Feed



Autonomous, Onsite and On-demand

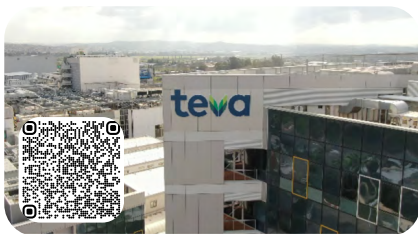
GOgen™ operates independently, requiring minimal maintenance. Its safe and reliable design ensures uninterrupted performance.

- ✓ **Plug-and-play Simplicity:** GOgen™ operates autonomously, without the need for manual intervention.
- ✓ **Supply Chain Reliability:** GOgen™'s on-demand production eliminates the need for storing and transporting hazardous chemicals, reducing risks and costs.
- ✓ **Onsite Generation:** Eliminate the need for chemical storage, handling and transportation, reducing risks and costs.

The GOgen™ System: Autonomous Onsite Water Treatment

The GOgen™ system is specifically designed with the needs and requirements of industrial water treatment. It generates Peroxide UltraPure™, a powerful yet safe and sustainable oxidant, directly onsite using only water and electricity as inputs.

GOgen™ is a fully autonomous solution, ensuring continuous supply of a critical water treatment agent, without dependence on 3rd parties and external supply chains, and without the need to manage, store and handle hazardous chemicals.



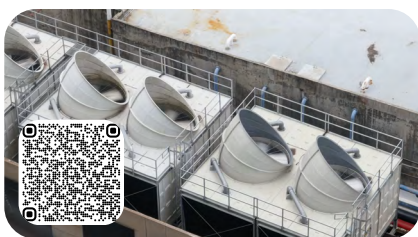
Safe, Sustainable and Chemical-input Free H₂S Oxidation for Teva Pharmaceuticals

GOgen™ has enabled Teva to effectively remove H₂S from its discharge water, providing a sustainable and safer alternative to traditional chemical treatments.



GOgen™ Provides a Safe, Sustainable and Chemical-free Cooling Tower Water Treatment Solution for Pharmaceutical Company Nipro

Nipro's Aumale plant has adopted a sustainable, chemical-free water treatment solution using the BWT ECO-UV+ by HPNow system, which generates green oxidant onsite.



Sustainable Cooling Tower Water Treatment with Onsite Green Oxidant Generation

HPNow's GOgen™ systems offer a sustainable and efficient solution for cooling tower water treatment, reducing chemical use and improving safety.



Learn More in Our Knowledge Centre

hpnow.com/knowledge-centre/

