

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.

Inputs



It starts with water, It ends with water

Output and Line Feed



Applications

GOgen® generates green peroxide onsite, 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.

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® 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.

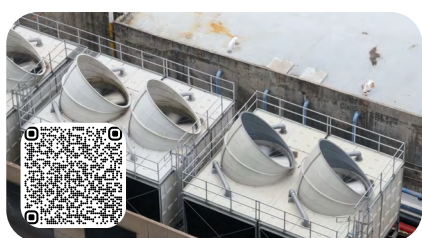


Safe, Sustainable and Chemical-input Free H₂S Oxidation for Teva Pharmaceuticals

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



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/

