



**BREAKING DOWN BARRIERS**  
**AQUEOUS OZONE CLEANING**  
**FOR SUSTAINABILITY**  
**CERTIFICATIONS.**

NATURALLY POWERFUL. NATURALLY SAFE. NATURALLY MADE.



# Advancing Sustainability Through Smarter Cleaning

Sustainability certifications like BREEAM, LEED, and WELL Building Standards challenge facilities to adopt greener practices, improve occupant well-being, and reduce their environmental impact.

Achieving these benchmarks can be daunting, especially when it comes to rethinking cleaning processes.

That's where aqueous ozone cleaning steps in—a naturally powerful, naturally made and naturally safe method that simplifies certification requirements and improves operations.

This guide explores how aqueous ozone cleaning aligns with sustainability goals, offering facilities a practical pathway to certification success.

## Cleaning's Role in Meeting Certification Standards

Cleaning practices directly influence key sustainability criteria, including:

### Indoor Air Quality (IAQ):

Reducing exposure to harmful chemicals.

### Water and Energy Efficiency

Ensuring efficient resource usage.

### Waste Management:

Minimising packaging and product waste.

### Environmental Discharges

Preventing pollution and protecting ecosystems.

Traditional cleaning methods often fail to meet these stringent requirements. Chemical-based products release volatile organic compounds (VOCs) that compromise IAQ, generate excessive plastic waste, and require significant water and energy. Aqueous ozone cleaning offers a transformative, sustainable alternative.

# Aqueous Ozone Cleaning: Supporting Certification Goals

## 1. Improving Indoor Air Quality

Outdoor air quality is a core focus of certifications like WELL and BREEAM, which prioritise occupant health. Conventional cleaning chemicals emit VOCs, leading to headaches, respiratory issues, and long-term health concerns.

Aqueous ozone offers a chemical-free solution, improving air quality by eliminating harmful emissions. With no residues or lingering fumes, it supports health-focused benchmarks effortlessly.

## 2. Reducing Packaging and Plastic Waste

Certifications like LEED emphasise waste reduction, scrutinising packaging associated with cleaning supplies. Traditional methods often rely on single-use plastic bottles and bulk chemical containers, adding to landfill waste and increasing transport-related emissions.

Aqueous ozone systems generate cleaning solutions on-site from air and water, removing the need for disposable packaging entirely. This approach aligns with zero-waste goals and reduces carbon footprints.

## 3. Lowering Water and Energy Usage

Cleaning often demands significant resources, including water for diluting chemicals and rinsing surfaces. Such inefficiencies can hinder certification progress under frameworks like BREEAM, which prioritise resource conservation.

Aqueous ozone cleaning operates efficiently with minimal water, requiring no rinsing and reducing energy consumption associated with heating water. This sustainable process supports energy and water use optimisation.

## 4. Preventing Harmful Environmental Discharges

Chemical-based cleaning products frequently end up polluting waterways, harming aquatic ecosystems, and contravening sustainable site management principles outlined in certifications like LEED.

Aqueous ozone naturally breaks down into water and oxygen after use, leaving no harmful residues or pollutants behind. This makes it a truly eco-friendly solution that aligns with environmental protection goals.

## The Larger Impact of Sustainable Cleaning.

Sustainability certifications are about more than checking boxes; they represent a commitment to creating environments that promote health, productivity, and ecological balance. Incorporating aqueous ozone cleaning into your operations can help you.

### **Boost Indoor Air Quality Standards:**

Improve occupant well-being by eliminating chemical exposure.

### **Lower Operational Costs**

Streamline processes, reduce water and energy use, and save money.

### **Reduce Waste**

Minimise reliance on disposable cleaning supplies and packaging.

### **Improve Ecosystem Health**

Avoid polluting waterways or harming local environments with chemical runoff.

These benefits extend beyond certification achievements. By adopting sustainable cleaning methods, facilities can create healthier spaces for occupants, reduce operational inefficiencies, and demonstrate environmental stewardship.

## Practical Steps to Implement Aqueous Ozone Cleaning

Transitioning to sustainable cleaning practices may seem like a significant shift, but it can be achieved in manageable steps:

- 1. Audit Existing Cleaning Processes:**  
Assess the chemicals, equipment, and waste generated by your current methods.
- 2. Adopt Aqueous Ozone Systems:**  
Invest in systems that produce aqueous ozone solutions on-site, tailored to your facility's needs.
- 3. Educate Cleaning Teams**  
Train staff on how to use the new technology and emphasise the benefits of sustainable practices.
- 4. Communicate The Change**  
Inform stakeholders, including employees, tenants, or visitors, about the switch to eco-friendly cleaning and its impact on their environment.
- 5. Monitor Progress**  
Measure improvements in air quality, waste reduction, and water usage to evaluate and showcase your facility's sustainability gains.



## A Cleaner Path to Sustainability

**Achieving sustainability certifications is a significant milestone, but it doesn't have to involve complex overhauls of every system.**

**Implementing aqueous ozone cleaning is a straightforward yet impactful step that aligns your operations with certification goals while delivering real-world benefits for your facility and its occupants**

Aqueous ozone, supported by nanobubble technology, represents a forward-thinking approach to cleaning and sanitisation. It delivers effective results without the environmental and health risks associated with traditional chemical-based methods. The ability to generate a powerful cleaning agent on-demand reduces costs and simplifies operations.

By embracing innovative cleaning solutions, you pave the way for healthier, greener spaces where people can live, work, and thrive.

Start your journey toward a cleaner, more sustainable future today. Your path to certification success begins with the tools you choose.





Let's help you make  
the switch.

Contact us today.

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