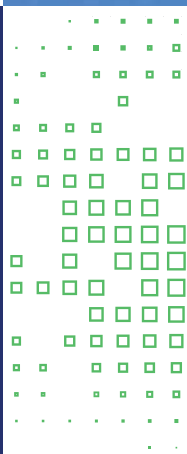




BIOFUELS

Reduce biological build-up
while decreasing the need for
water sanitizing agents



OZONE IS A POWERFUL, COST-EFFECTIVE SANITIZING SOLUTION FOR THE BIOFUEL INDUSTRY.

Ozone is an efficient oxidizer that eliminates biological build-up for water-cooled processes. It lowers annual costs for consumable sanitizing agents, such as chlorine and bromine. In addition, the combination of ozone and filtration is an effective process to filter out heavy metals in

water. Ozone Solutions' industry leading technology is also ideal for additional uses in the biofuel industry, including CIP (Clean in Place), exterior pipe washing / general area cleaning, and HVAC. Ozone HVAC systems improve air quality for a wide variety of workspaces.

OZONE SOLUTIONS' PRODUCTS FOR THE BIOFUEL INDUSTRY.

PRODUCTS

○ Waterzone Series



○ Waterzone IS Series



○ TG Series



○ Waterzone SE Series



BENEFITS

BENEFITS OF OZONE TREATMENTS:

- More than 3000 times more germicidal than chlorine
- Eliminates the use of chemicals (except for pH balancing)
- Drastically reduces discharge liabilities and chemical storage record keeping
- Destroys all types of micro-organisms
- Decomposes organic waste through oxidation
- Removes existing calcium carbonate scale by destroying the biomass glue bonding agent
- Low maintenance costs
- The most environmentally friendly oxidant
- No persistent chemicals or disinfectants in discharge - ozone breaks down to oxygen
- Saves on energy costs by increasing the heat transfer efficiency of the chiller (the chiller reduces water loss and improves ozone production)



Ozone treatment on a daily basis has accomplished more consistently acceptable bacteria counts than any of the other “non-ozone” treated cooling towers. The fact that we were provided the option to rent, or “rent-to-buy” the ozone treatment system allowed us to try it with less risk. We are seriously considering ozone treatment for our other plants.



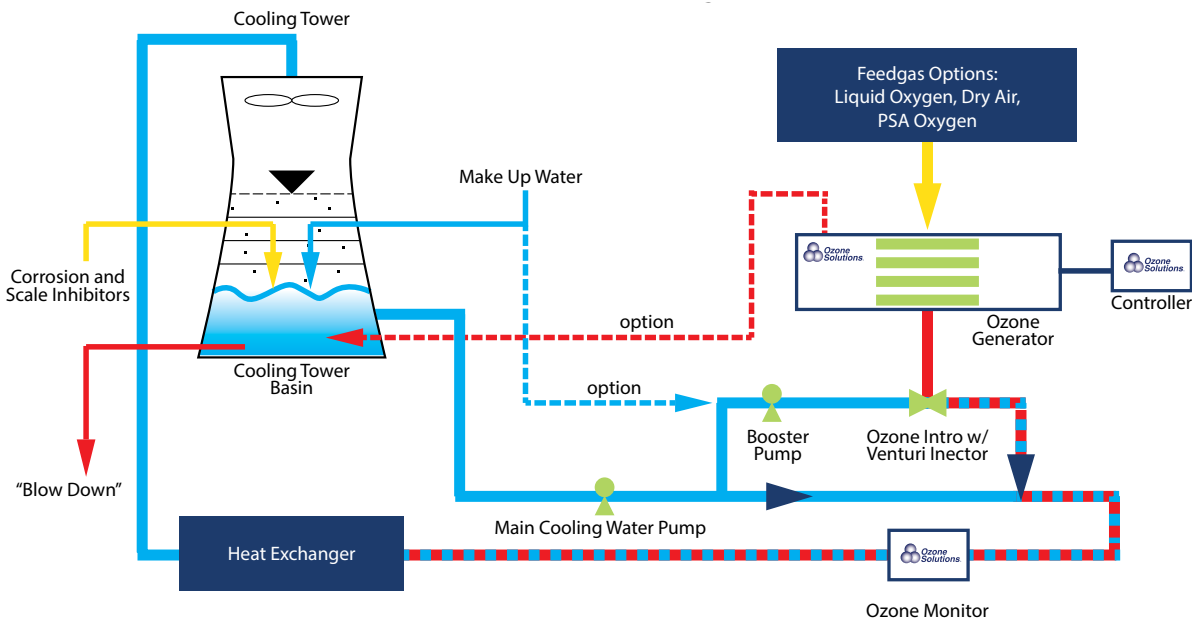
– Hal B. Wadding, Allegheny Energy Supply, LLC • Springdale, PA

OZONE USAGE IN COOLING TOWERS.

The high growth levels of bacteria, algae, mold, and shells cause deposits to form on pipelines, heat exchangers, and cooling tower installations. Water contents such as microbiological pollutants, AOX and CSB are reduced directly and without residue by oxidation with ozone.

Unlike conventional biocides however, there are no unwanted secondary reactions.

OZONE USED FOR COOLING TOWERS.



PROCESS



ABOUT OZONE SOLUTIONS

Ozone Solutions Inc., founded in 1997, is a full-service provider of cost-effective and environmentally friendly ozone technology. Our products and services are internationally present in many different applications. We are reaching out to our customers through our global network of distributors as well as our regional sales representatives in North America. Today, Ozone Solutions Inc. is moving forward in company and product development, in order to become the most trusted and innovative supplier of ozone technology.

OZONE SOLUTIONS ADVANTAGES

- Complete project oversight from concept through ongoing usage
- Excellent customer service
- Industry leader in service support
- Research & Development lab
- Customized solutions
- Replacement parts availability
- Customer system operation and maintenance training
- Reliable products for many applications
- Ozone monitors and detection equipment available

APPLICATIONS

- Air Treatment & Odor Control
- Aquaculture & Zoos
- Biofuel
- Bottled Water
- CIP (Clean in Place)
- Cooling Tower
- Dairy
- Drinking Water Treatment
- Food Processing & Storage
- Grain & Feed Remediation
- Groundwater & Soil Remediation
- HVAC
- Laundry
- Livestock
- Medical
- Pharmaceutical
- Pools, Waterpark, & Spas
- Pulp & Paper Bleaching
- Semiconductor Production
- Wastewater Treatment
- Wine & Beer

CONTACT US FOR MORE INFORMATION

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