

SUSTAINABLE WATER TREATMENT

Protecting your equipment and helping you meet environmental goals

At ChemTreat, we strive to provide you with sustainable water treatment solutions that help you reduce your environmental impact while maintaining your operational and product goals.



Reduce Costs while Meeting Environmental Goals

ChemTreat field engineers are the most experienced in the water treatment industry. A solution proposal often includes:

- Site visit to understand and analyze your operations
- Consultations with operations, environmental, health and safety, engineering, procurement, and management to determine special requirements
- Program outline, including diagrams of every water-related system in your facility
- Examination of noted problems and research into root causes
- Custom water treatment solutions tailored to your water and energy management needs
- Monitoring and control of implemented solutions



Sustainable Chemical and Mechanical Solutions

We offer a variety of chemical and mechanical solutions for your water systems that can enhance your system performance and reduce operating costs. Our expertise spans the following applications:

- Pretreatment and influent
- Boilers
- Cooling systems
- Wastewater treatment
- High-purity water
- Odor control
- Air strippers



COOLING TOWER TREATMENT TO REDUCE ENERGY USAGE

If not properly treated, cooling towers can build up with sediment, biomass, and scale, causing heat transfer efficiency loss and increased energy usage. ChemTreat's experienced service team, automated control and monitoring systems, and state-of-the-art treatment technology can help you improve the performance of your cooling water systems while reducing energy costs.



Clean Coils for Energy Conservation

ChemTreat can help you significantly reduce energy consumption and improve heat transfer by thoroughly cleaning the external components of cooling coils, simultaneously improving the quality of your indoor environment.



Green Chemistry Solutions

Our R&D team is continually developing new chemistries and improving existing solutions to solve the unique water treatment problems our customers face. Our product developments include:

- Phosphate-free and zinc-free cooling water treatment options
- Non-metal and non-PBT chemistries
- Advanced formulations to reduce water usage and handle challenging issues such as high silica concentrations
- Full line of solid chemistries to help you reduce your carbon footprint by reducing shipments

Earn LEED Credits

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is the worldwide standard for the design, construction, and operation of green buildings. The LEED rating system is designed to help maximize operational efficiency while minimizing environmental impact. ChemTreat can help you earn LEED points in several areas, such as:

WATER MANAGEMENT

Comprehensive water management programs to help you maintain reliable heat transfer systems and improve water usage efficiency.

OPERATIONAL INNOVATION

Significantly reduce the resource requirements and carbon footprint of your water treatment program.



ChemTreat's Enhanced Offerings



Automation and Control

- Fluorescence monitoring technology for traced treatment programs
- Web-enabled data management for real-time reporting analysis via tablet, PC, or smartphone
- Preset alarms for 24/7 tracking of key parameters



Customer Education

- Team training to assist customers with water management program startup
- Seminars and workshops to communicate best practices and new technologies
- Audit programs to enhance operational efficiency and highlight cost savings opportunities



Cooling Systems

- State-of-the-art chemistry to help prevent or address scale, corrosion, deposition, and microbiological growth
- Breakthrough non-phosphate, non-zinc cooling water treatment technologies
- Treatment programs developed to improve water usage



Boiler Systems

- Full line of custom internal treatment chemicals to prevent corrosion and optimize system performance
- Programs for every phase of boiler operation as well as monitoring and control solutions
- Chemistries and cleaners to improve the life and performance of pretreatment systems

