



Preventative Cleaning Solutions

Facilities are often plagued by dirty and fouled heating and cooling water systems which can have a detrimental effect on equipment life and operating costs. Dirty systems can contribute to increased costs, premature failure, unexpected downtime, equipment damage, as well as increasing water, energy, and chemical usage.

To support our comprehensive water treatment programs, Chem-Aqua offers preventative cleaning solutions to address these challenges and help prevent your critical water systems from shutdown. These cleaning services will help improve equipment life, system efficiency, and sustainability goals. Our trained professionals follow industry standard procedures to perform each cleaning and are backed by a support group dedicated to help take the stress from your operations.



**Improved
Equipment Efficiency**



**Reduced
Energy & Water**



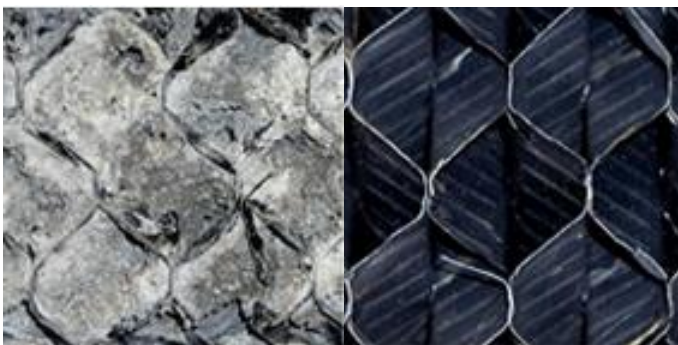
**Reduced
Operational Costs**



**Meet
Sustainability Goals**

Your Trusted Business Partner

Chem-Aqua is a premiere water solutions provider who understands these challenges and has decades of experience helping facilities implement cost effective and sustainable heating and cooling cleaning solutions. Our goal as a valuable business partner is to provide quality solutions that solve water issues, lower treatment and operational costs, and protect valuable equipment. Cleaning agreements are available for up to three (3) years.



Before

After



Before

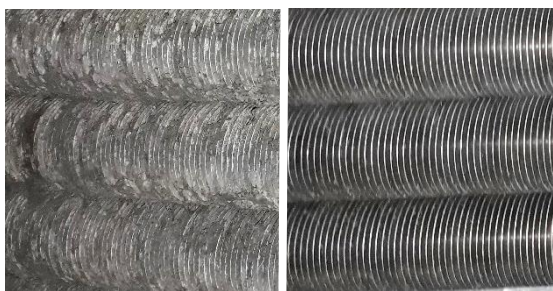
After

Cooling Towers



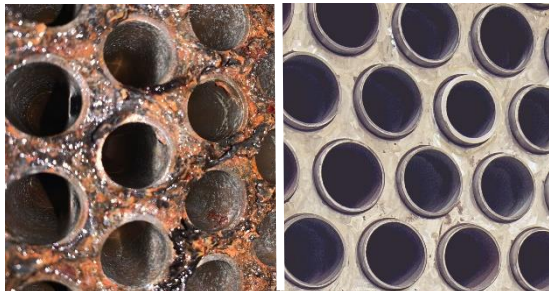
Cooling towers are efficient air scrubbers that require routine cleaning and disinfection to maintain optimal efficiency and reduce Legionella risks. Our **Basic Cleaning Service** includes power washing with professional equipment and if possible, a chlorination/disinfection. The **Optional Enhanced Cleanings** adds chemical to help remove buildup such as scale and a dispersant to loosen deposits and strip biofilm.

Coils



When dirt and grime coat heating and cooling coils, it can drastically increase the cost of operation. Dirty coils affect the overall air handling system efficiency and building health. Dangerous bacteria can multiply in poorly maintained systems or equipment, posing health risks such as asthma, nausea and more for a facility's occupants. The benefits of clean coils include energy savings, increased air flow, maximum heat transfer, system longevity, and improved air quality.

Heat Exchangers



When heat exchangers become fouled with corrosion, mineral scale, or microbiological deposits, an offline chemical cleaning procedure is often the quickest and most cost effective solution. It immediately restores both flow and heat transfer and provides the clean metal surfaces necessary for good corrosion control. The payback on cleaning a fouled heat exchanger is usually significant.

Steam Boilers



Keeping waterside surfaces of steam boilers clean is critical for reliable operation with low operating costs. Deposits on boiler tubes reduce heat transfer efficiency, increase fuel costs, and can lead to an unexpected failure. Regardless of the cause, chemical cleaning is often the best solution to restore efficiency to a scaled boiler. Routine chemical cleaning can also be beneficial as part of the preventative maintenance program for seasonal heating boilers.

Contact us today for more information or to request a no-obligation quote.

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