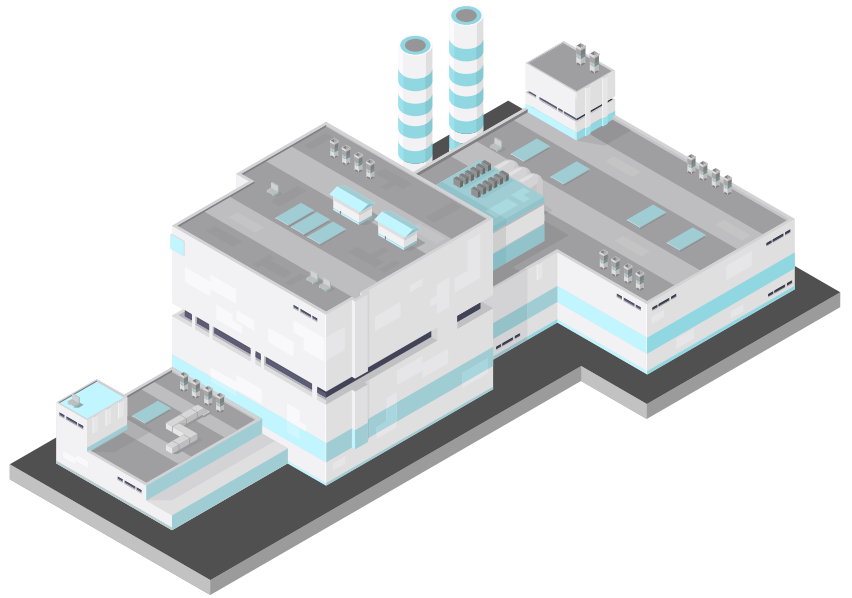


THE IMPACT OF WATER TREATMENT

Proper water treatment is an essential maintenance that represents only a small percentage of the costs associated with operating boiler and cooling systems, but dramatically influences the total system operating costs.

The main concerns in boiler and cooling water systems are corrosion, scale, deposits, microbiological growth, efficient water usage, and reliable operation.



1

ENERGY COSTS 65-80% OF TOTAL OPERATING COST

Scale and deposits are insulating. Depending upon thickness and type, they can increase energy usage from 1-20% or higher.



MAINTENANCE COSTS 5-10% OF TOTAL OPERATING COST

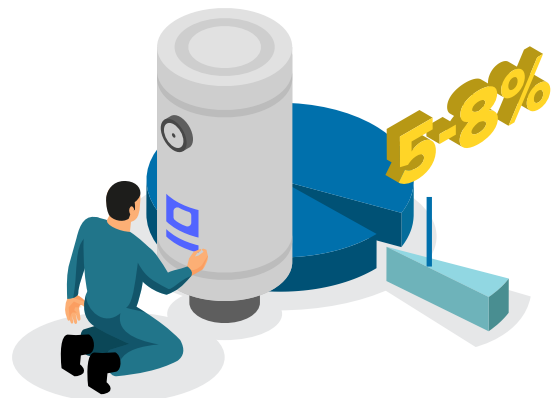
2

Corrosion, scale, deposits, and microbiological activity can lead to equipment damage and failure resulting in increased repairs and replacement costs.

3

LABOR COSTS 5-8% OF TOTAL OPERATING COST

Labor costs go hand-in-hand with maintenance costs. The more equipment repairs and replacements due to water-related problems, the more valuable employee time it takes to respond.



WATER COSTS 4-7% OF TOTAL OPERATING COST

4

Boiler and cooling systems that use more water than required have a direct impact upon the total system cost of operation.

5

WATER TREATMENT COSTS 3-4% OF TOTAL OPERATING COST

Although water treatment costs are certainly a factor in the total system operating cost, an efficient and well maintained water treatment program saves money and reduces overall costs.



To learn more about how Chem-Aqua can work with you to design a water treatment program that addresses your unique needs and helps minimize your total cost of operation, contact us today.

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