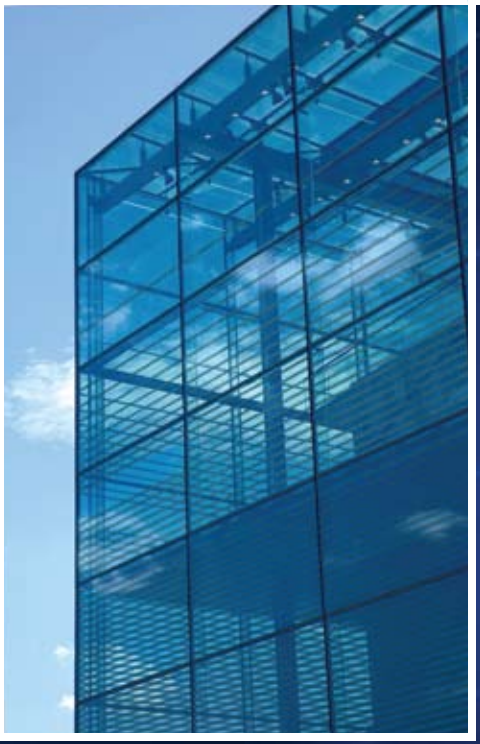


Improving

the efficiency of

water treatment

visezvert gogreen

Magnus®

Magnus®

is a company that values energy efficiency, steam quality, and encourages a responsible approach to natural resource management. Magnus masters chemical techniques and the use of specialized equipment to satisfy the unique requirements of your systems. With our Go Green program, Magnus, the winner of Boma Quebec's 2007-2008 Pinnacle award for innovation, has incorporated these criteria as a standard way of doing business.

HOW MAGNUS' EXPERTISE CAN HELP:

- Energy Use
- Water Use
- Hazardous Materials
- HVAC Maintenance

For energy system managers, the use of water as thermal transfer vehicle in heat exchange processes can represent a source of difficulties. Corrosion, scale formation, fouling and microbiological activity constitute harmful effects that need to be controlled to assure optimal performance and safe operation.

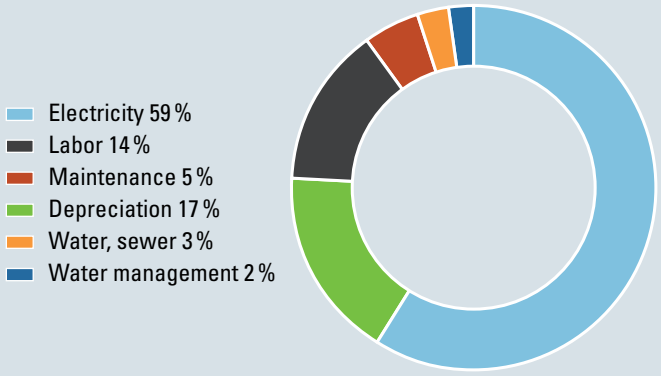
INTEGRATION OF SPECIALIZED EQUIPMENT

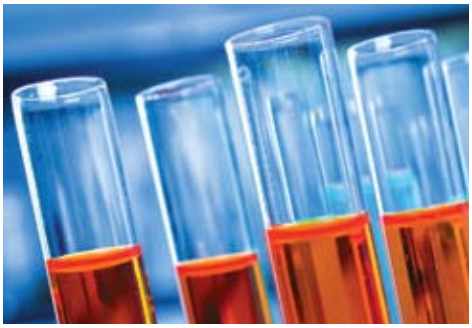
Taking advantage of our specialized equipment currently available can considerably facilitate program management while improving performance. Our engineering department and team of manufacturing experts will design and build systems configured to your specific needs.

TYPICAL COST DISTRIBUTION

Although a small portion of the total budget is allocated to water management, it directly and significantly impacts all other operating factors.

TYPICAL OPERATING COSTS COOLING SYSTEMS



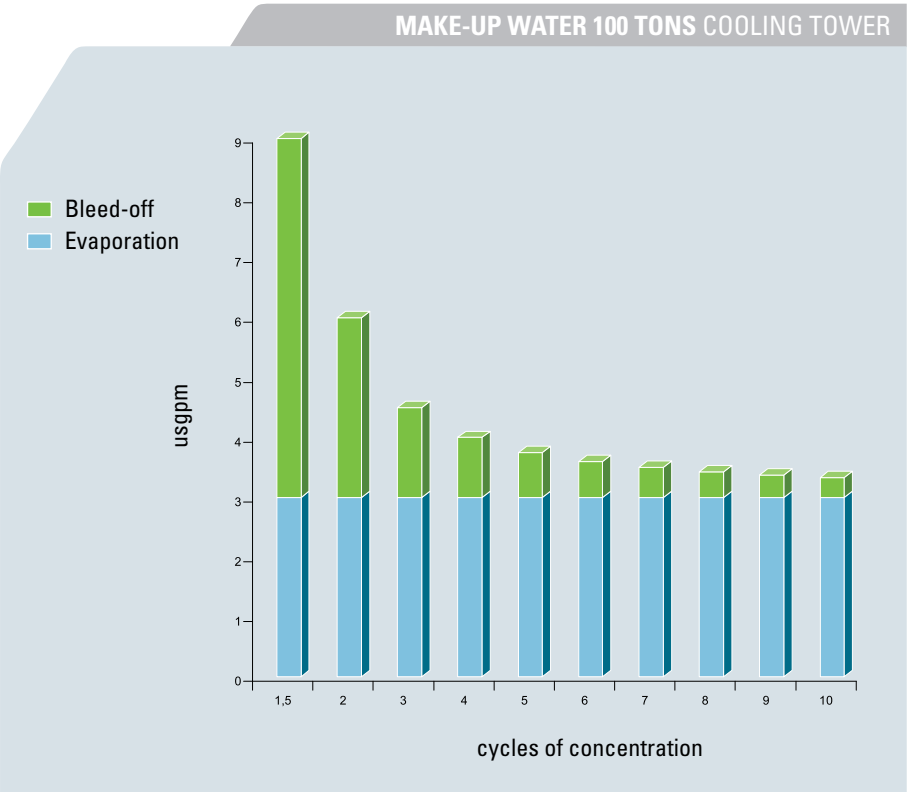


EXPLORING, DEVELOPING AND SOLVING

Innovative solutions continually emerge from research and result in new methods of treatment applications.

Improving the performance of the systems we treat is the primary objective of our team of research and development chemists. The result is state-of-the-art technologies such as:

- Shock or on-line cleaning (rust, scale and biofilm removal)
- Operation of cooling towers at high cycles of concentration
- Bleed-off water to storm sewer (free of heavy metals and low in phosphorous content)
- More efficient system lay-ups
- Graywater



ENVIRONMENTALLY GUARANTEED

Environmental regulations regarding effluent contaminants such as phosphorous, molybdate and zinc are becoming more and more restrictive. This has prompted the development of MAGCARE® formulations which enable you to conform to these stringent regulations while conserving the effectiveness of the applied chemical treatment. These formulations are under accreditation by a private firm and will serve as a model to establish future guidelines.

SPECIALIZED CONSULTATION AND MAINTENANCE SERVICE

Our technical team consists of a group of water conditioning professionals with backgrounds in chemistry, chemical, biochemical and mechanical engineering. With our expertise and applications experience, combined with the use of high tech metering equipment and controls, we provide our clients with the tools and technical support required to implement highly effective treatment programs.

Magnus®

Your water conditioning needs extend well beyond simple factors such as program cost. At Magnus we recognize that your main concerns lie in the energy efficiency of your systems, your overall operating costs, the environmental impact of your operations and the health and safety of your people. Magnus' commitment is to positively impact each of these areas as your partner in a process of continuous improvement.

Magnus Chemicals Ltd, founded in 1946, is a company that develops, manufactures and markets high performance chemicals for water conditioning, aerospace technologies and corrosion inhibition. Recognized for the quality of service and the technical expertise provided, your Magnus representative works closely with the chemists in our research laboratories and engineers to develop solutions which respond to your specific needs.

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