



Industrial Water Treatment for

# Hydrocarbon & Chemical Processing Industry

Refiners and Chemical producers are constantly striving to increase asset availability while achieving the highest level of safety and compliance. ChemTreat's water management strategies improve the reliability of operations, protect employees and the environment, and ultimately make our customers more competitive.



# The Best People

We leverage our resources to deliver peace of mind.

- Global network of experienced field engineers with a vested interest in your success
- Application Technology team with unparalleled industry expertise and problem-solving capability
- R&D group that specializes in the development of customized solutions
- Full-service analytical lab that offers comprehensive testing and quick turnaround

# Lasting Results

We help our customers do more with less.

- Maximizing energy efficiency through improved heat transfer and control systems
- Extending asset life with protection programs that efficiently utilize water & energy resources
- Increasing productivity through reduction of downtime for cleaning and maintenance
- Optimizing system performance with programs tailored for high-stress conditions

# Sustainable Solutions

We have products and services that help improve performance while protecting natural resources.

- Reduced energy usage through customized system optimization
- Engineered solutions to ensure the safety of your valued employees
- Green product options that help reduce your environmental footprint
- Proven strategies for effective water and wastewater reuse

# Continuous Innovation

We offer advanced technology for your varying array of complex systems.

- Customized products designed for unique water and equipment needs
- Eco-friendly, high performance cooling water technology
- Turn-key solutions for on-site chlorine dioxide generation
- Web-based water treatment communication and control for 24/7 system monitoring







ChemTreat continues to exceed customer expectations because we have a simple strategy: provide superior service with a long-term view, use the most current technology, and employ the best people. We leverage this winning formula to take on the most difficult water treatment problems and succeed where others fail.



# ChemTreat's Enhanced Offerings

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## Cooling Systems

- Specialized chemistries for water reuse options
- High stress corrosion and deposit control programs
- Chlorine dioxide and other chlorine gas alternatives
- Online and off-line cleaning and passivation technologies



## Boiler Systems

- High pressure boiler treatment programs and control strategies
- Chemistries and cleaners to optimize the life and performance of pretreatment systems
- Full line of custom oxygen scavengers and amine blends



## Wastewater Treatment

- Programs developed to ensure environmental compliance
- Wastewater reuse as a source for cooling water
- Optimizing dewatering chemicals to minimize cost of operations
- Engineered solutions for safe handling and storage



## Automation and Control

- Advanced automation and control systems designed to network with the plant DCS
- Fluorescence monitoring technology for traced treatment programs
- Web-enabled data management that provides real-time reporting and analysis

*Enhanced offerings are optional services. They are not part of all treatment packages.*



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