

# Refining Industry

Reliability, Asset Protection, Energy Efficiency, and Water Conservation

Refiners are focused on reliability, asset protection, energy efficiency, and water conservation. Coupled with a well-trained workforce, this is the basis for optimum throughput and profitability. ChemTreat is equipped to help refiners achieve these goals through industry-focused programs and chemistry and our most important asset: highly experienced people.







## Experienced Team

**15**  
years

AVERAGE  
YEARS OF  
FIELD SALES  
EXPERIENCE

**22**  
years

AVERAGE  
YEARS OF  
TECH STAFF  
EXPERIENCE

**26**  
years

AVERAGE  
YEARS OF  
CORP SALES  
EXPERIENCE

Understand business  
drivers, goals, &  
objectives

Survey systems & identify  
critical equipment

Create a service plan



Implement continuous  
improvements

Communicate program  
results

Perform best practice  
audits



## Sustainable Solutions

- Eco-friendly cooling water technology options
- Customized solutions to reduce operating costs through energy and water conservation
- Effective water treatment programs to help reduce greenhouse gases




## Intelligent Water Management

CTVista®+ is a cloud-based intelligent water management platform designed to help you with:

- Data management and analytics
- Customizable reporting
- Real-time guidance
- Condenser performance efficiency analysis





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



## Research & Development

- Pilot plant capabilities including fully-automated evaporative cooling towers, research boilers, solid/liquid separation, retort cooker, and laboratory pasteurizers.
- PhD staff providing membrane autopsy, product development, cleaning protocol, and microbiological analysis
- New product development and performance capabilities



## Wastewater Treatment

- Extensive corporate and local experience with the unique challenges presented by refinery wastewater systems
- Complete range of coagulants, flocculants, antifoams, supplemental bacteria, and odor control technologies
- Sophisticated automation for control of wastewater chemical feed



## Customer Education

- Comprehensive team training to help assist with startup of water management programs
- Seminars and workshops to share best practices and new technologies
- Audit programs to ensure efficiency of operations and highlight cost savings opportunities



## Automation and Control

- Custom monitoring and control packages to optimize system efficiency and performance
- Fluorescence monitoring technology for traced treatment programs
- Web-enabled data management to provide real-time reporting and analysis to tablets, PCs, and smartphones

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