



Intelligent Water Management:

Condenser Performance Modeling

Maintaining condenser system health is a critical aspect of plant operation.

Condenser performance issues can negatively impact your heat exchange efficiency. That's why we developed a program to help your ChemTreat team troubleshoot and provide recommendations on where operational, maintenance, and treatment modifications can be made to enhance performance and optimize production.

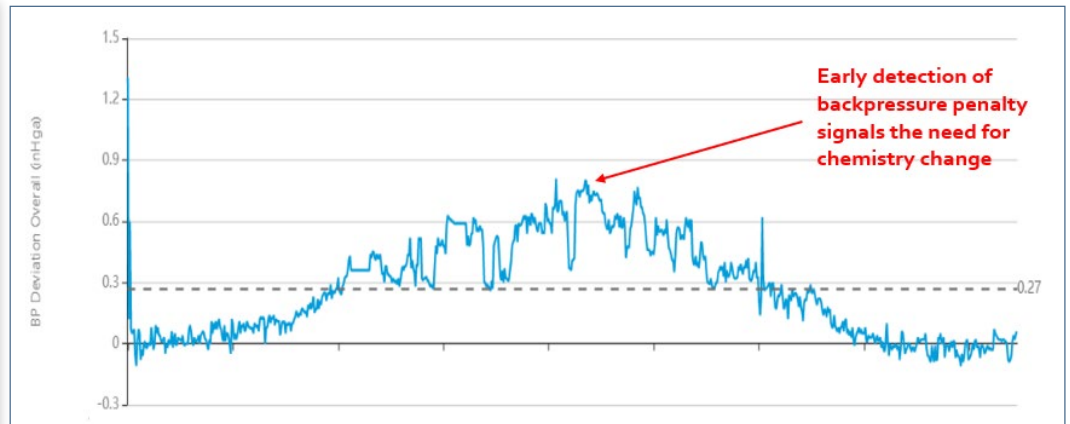
Condenser Monitoring and Analysis Software

ChemTreat uses our state-of-the-art water management software, CTVista[®]+, to help you monitor and control your water treatment programs. CTVista[®]+ includes a suite of intelligent tools specifically designed for condenser performance monitoring:

- Heat transfer monitoring
- Custom KPI charting and analysis
- Comparative charting for fast, accurate troubleshooting
- Report generation
- Troubleshooting guide



Not only does CTVista®+ detect issues, but it may also identify where the issue has occurred and how to mitigate it.



A chart from ChemTreat's condenser performance monitoring model indicating a condenser issue.

Is the Issue Shell-side or Water-side?

Consistently monitoring condenser performance improves our ability to identify the specific issues your system faces: both shell-side and water-side.

Combining results from our Condenser Modeling Program with the cooling water data captured in our CTVista®+ program, your ChemTreat team can begin to accurately determine if there is a water-side issue and make treatment program recommendations best-suited to address your system needs.

Audit Your Systems with the Help of an Experienced Local Team

Your ChemTreat water treatment team will work closely with you to audit and understand the specific needs of your system.

Our field sales engineers average 15 years of water treatment experience. They are supported by a staff of technical experts with an average of 22 years of experience.

Choosing ChemTreat enables you to partner with a highly knowledgeable team who will work tirelessly to help you achieve your facility's treatment goals.

Best-in-Class Chemical Treatment Solutions

Our treatment programs may include:

- Cooling and boiler treatment technologies to help reduce corrosion, scale, and fouling
- Wide range of biocide technologies for fouling reduction, including chlorine dioxide generation, monochloramine-based programs, and liquid stabilized halogen
- Non-phosphorus chemistries to help you meet your environmental goals

Contact us today to request a system audit and find out how our programs can help you improve production efficiency, save fuel, and preserve equipment.



Water and Energy Savings



Expert Staff



Smart Technology

ChemTreat cannot guarantee results.

