

Treatment Facility Maintenance



CLIENT PROFILE

A specialty chemicals company focused on catalysis, precious metals, fine chemicals and process technology. The company's principal activities are the manufacture of autocatalysts; heavy duty diesel catalysts and pollution control systems; catalysts and components for fuel cells; catalysts and technologies for chemical processes; fine chemicals; chemical catalysts and active pharmaceutical ingredients; and the marketing, refining and fabrication of precious metals.

OPERATIONAL CHALLENGE

A circulation pump at the facility seized and failed to circulate water through the outdoor treatment facility. With this pump inoperable, the cooling tower system would not get the proper chemical treatment required. This water flow enables the conductivity, pH, inhibitor and biocide programs to function and remain in proper balance. Left offline, the system would be at risk of heavy scale on heat transfer surfaces and excessive corrosion on all metal surfaces. It would also be at risk for fouling due to biological growth, even the formation of harmful and deadly Legionella bacteria.

CHEMICAL SOLUTION

With the facility's resources focused on unrelated safety issues and inspections, the client called on Kroff Chemical Company, Inc. to replace the failed pump. Kroff technicians ordered and delivered a replacement, and the pump was back online within 48 hours. Follow-up chemistry testing checked all water treatment equipment for proper operation and calibration.

BOTTOM-LINE RESULTS

As a direct result of Kroff's responsiveness and willingness to go the extra mile for a customer in need, the facility's outdoor treatment system was fixed and functioning properly with no charges for labor, freight or time contacting the supplier. And all of the facility's resources remained focused on issues that required continued attention.



Kroff Chemical Company, Inc. provides custom-blended chemicals and specialty services that improve clients' critical water and process system performance, which helps maximize efficiency of operations and lower costs of operation.

Kroff Chemical's services focus on energy efficiency, regulatory compliance, waste minimization and water reuse, fully automated and integrated chemical applications, and a safety-conscious approach.

With the support of Kroff Chemical Company, Inc., facilities operate with less staff, but they operate safely, efficiently and profitably. Clients focus more on their core competencies and look to Kroff Chemical Company, Inc. to treat, operate and maintain their critical water and process systems.