

Solid-Feeder Solution

CLIENT PROFILES

A college established in 1787 with enrollment of 2,200 students.

OPERATIONAL CHALLENGE

The college had issues centered around accessibility for delivering chemicals to its cooling towers around campus. Specifically, the operators were carrying 50-pound pails of chemicals up flights of stairs, which posed a safety concern.

CHEMICAL SOLUTION

Kroff Chemical Company, Inc. provided a solid-feeder solution that saved the college money by saving the operators time. They now do not spend time carrying large volumes of chemicals up stairs in order to change drums on the cooling tower. The solid feeders are user friendly, easy to install and require little maintenance in order to perform. This pilot study was run on one cooling tower on campus and now has branched to another system. Kroff is exploring the benefits of solid feeder units on the rest of the cooling towers around campus.

BOTTOM-LINE RESULTS

As a direct result of Kroff's chemical treatment program, the college is experiencing enhanced user friendliness, ease of installation, equipment reliability, and lowered safety risk by not having to transport chemicals. The solid feeders utilize a 12-pound cell that does not require a large footprint. The empty cells can be recycled, and there is a smaller carbon footprint related to shipping because the college is no longer using large volumes of 55-gallon drums on campus.



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.