

CASE STUDY

Solids Program Eliminates Storage Constraint Concerns at Pharmaceutical Facility

BACKGROUND

A pharmaceutical facility in the Southeastern U.S. used liquid chemicals in their four cooling towers. Due to limited space around the cooling towers it was difficult moving large drums of liquid to the point of use. The cooling towers had to be hand fed several times a week due to the space constraints, as well as, lack of proper feed and control equipment. Furthermore, the cooling towers were not being properly treated for corrosion and microbiological fouling. The facility wanted to replace their problematic program with one that eliminated heavy drums and provided a feed system that would fit within their limited space.

SOLUTION

The water treatment company suggested they switch from liquids to solid water treatment by AP Tech. The compact size of the solid chemistry dissolving system would fit within the small space around the cooling towers and eliminate the need for hand feeding product. Automated controls were recommended to ensure proper chemical feed to handle the corrosion and microbiological fouling problems.



Pharmaceutical Facility Study

RESULTS

The results of installing AP Tech solid chemistry and automated controllers proved to be an innovative technology that solved space and storage issues for the hard to reach location while improving the overall water treatment program. The safety improvements were well received by the company. They were able to eliminate the concern of splashing and spilling of hazardous chemicals, and eliminate heavy drum handling, storage, and disposal. In addition, the program provided automated feed for a corrosion inhibitor, oxidizing biocide, and non-oxidizing biocide enabling proper treatment of the cooling towers thus extending their life and longevity.



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EPA Registered Biocide

