

FlexPro® Resolves Corrosion Issue at District High Schools

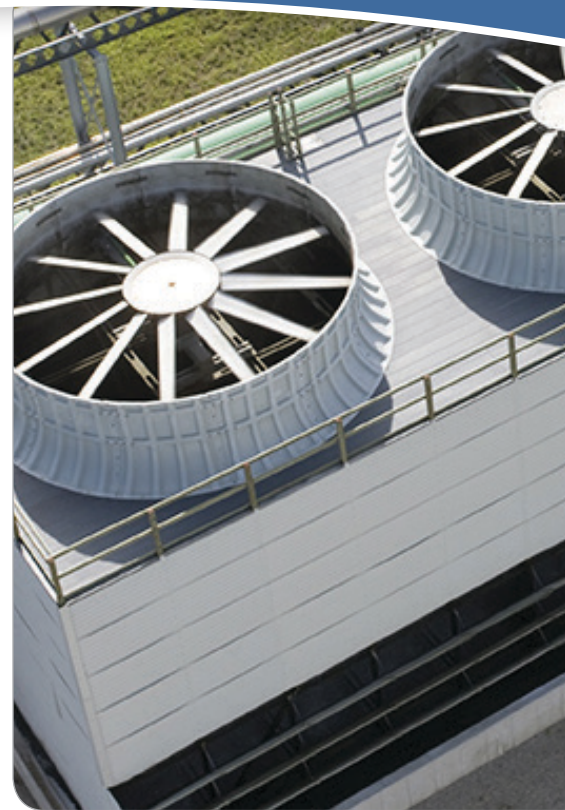
Background

A school district had partnered with a water treatment company for more than 10 years to service over 30 locations. One high school had a chiller plant in service for seven years, but the amount of pipe flake and corrosion caused the customer to be concerned about the integrity of the piping. The condenser water strainers captured gallons of iron chip scale on a weekly basis. The problem got worse year after year with no change to the cooling water treatment chemistry and a lack of corrosion monitoring. The previous vendor was given ample opportunities to make changes, but achieved no results.

The problem was a result of inappropriate chemicals being fed to treat the condenser water. There was a tremendous amount of iron flaking, and the tube sheets were becoming noticeably compromised as a result of the previous vendor's inability to improve treatment.

ChemTreat's Solution

In spring 2016, the customer decided to make a change and hired ChemTreat to treat its water. They did not expect to see results until the second or third year of the program. To their surprise, the results were almost immediate when ChemTreat began feeding FlexPro® CL5642 to reduce corrosion. Three different sets of mild steel and copper coupons were installed in the system during summer 2016. The coupon results got noticeably better with each inspection and laboratory analysis.



"Making this change and seeing the results we have seen in such short order has really begun to protect our assets. I would highly recommend this program to anyone who is in our situation with making the change to this program."

Results

The school district operations director was ecstatic with the results, and the ChemTreat program will now be rolling out to the entire district, which includes three high schools, seven middle schools, and two elementary schools. ChemTreat is currently working on getting the other two high schools on-line, and their water treatment programs should be operational by April 1, 2017.



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