

CMI Management
Bowie Army Reserve Center
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Report Number: 314900

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4600 Foxtail Place - HVAC

Test	Makeup Water	Cooling Tower	Dual Temp Glycol System	
Conductivity (as mmhos)	270 Record	275 400 - 1000	4610 5000 max	
pH	8.5 Record	8.4 8 - 9	9.1 8 - 10.5	
Hardness, total (ppm as CaCO ₃)	60 Record	80 400 max		
Alkalinity, total (ppm as CaCO ₃)	170 Record	170 600 max		
Chlorides	10 Record	10 200 max		
Bond EcoTrace		0 70 - 130		
Molybdate (ppm as Mo)			75 50 - 200	

Opening Comment

I met Patrick onsite during system switchover to perform regular service.

Makeup Water

Online 

Makeup water is analyzed in order to determine cycles of concentration and to set program control parameters.

Cooling Tower

Offline 

Cooling Tower was idle during service. The cooling tower had just recently been filled and chemical testing found very low levels in the tower system. All levels will rise as the system operates normally. I activated the circulating pump for a period of time in order to manually add inhibitor and also pumped a good dose of biocides for organic control. Measure level of Bond EcoTrace was 95.5ppm at the completion of service. Reviewed controller programming and filled chemical tanks as needed.

Dual Temp Glycol System

Online 

Testing found all levels within desired ranges indicating good corrosion protection by the chemical treatment at this time. The filter housing was being installed during service and a filter was placed in the housing.

Closing Comment

Attached with this report is the CoM for this visit. Please contact me with any questions or concerns regarding the treatment program.