

CMI Management
 Bowie Army Reserve Center
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Report Number: 339132

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4600 Foxtail Place - HVAC

Test	Makeup Water	Cooling Tower	Dual Temp Glycol System
Conductivity (as mmhos)	250 Record	680 400 - 1000	4800 5000 max
pH	8.5 Record	8.9 8 - 9	9.0 8 - 10.5
Hardness, total (ppm as CaCO ₃)	10 Record	30 400 max	
Alkalinity, total (ppm as CaCO ₃)	160 Record	530 600 max	
Chlorides	10 Record	10 200 max	
Bond EcoTrace		55 70 - 130	
Molybdate (ppm as Mo)			90 50 - 200

Opening Comment

I met Patrick onsite to perform regular service for August.

Makeup Water

Online 

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

Cooling Tower

Online 

On arrival I found that there had been a chemical leak from the inhibitor line. Inspection found that the tubing had ruptured by the chemical injector allowing inhibitor to leak. Some time was spent cleaning the area and equipment and the chemical tubing was repaired. Chemical testing found a below range level of inhibitor in the cooling tower. All other readings were within desired ranges. With the tubing repaired the inhibitor level is expected to normalize with continued operation. 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.

Closing Comment

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