

COOLING TOWERS INSPECTION

	Maintenance service	Monthly	Seasonal Startup
1	Inspect general condition & operation	x	
	Observe operation of:		
2	Mechanical motor, fan & drive mechanism	x	
3	Makeup valve	x	
4	Inspect for unusual noise or vibration	x	
	Inspect and clean:		
5	Air inlet	x	
6	PVC drift eliminators	x	
7	Distribution basin, nozzles & collection basin	x	
8	Fan motor exterior	x	
	Check:	x	
9	Collection water basin level	x	
10	Blowdown	x	
11	Check for loose fasteners including oil drain plug		x
12	Check for/repair oil leaks	x	
13	Check oil level	x	
14	Change oil		5-years
15	Make sure vent is open		x
16	Check driveshaft or coupling alignment		x
17	Check for loose driveshaft or coupling fasteners		x
18	Check driveshaft or flex element for unusual wear		x
	Fan:		
19	Check and tighten blade and hub fasteners		x
20	Check fan blade pitch and tip clearance		x
21	Check fan cylinder for loose fasteners		x
	Motor:		
22	Lubricate (grease) as required)		as requested
23	Check mounting bolts for tightness		x
	Basin heaters:		
24	Check for proper operation of temp/low water level sensor		x
25	Inspect/clean buildup of conaminant from sensor		x
	Structure:		
26	Inspect/tighten all fasteners		x
27	Inspect and touch up all metall surfaces		x