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Cooling Tower -- Preventative Maintenance

Regularly scheduled inspection and maintenance of all parts of the cooling tower and its system will provide dependable and efficient performance, as well as prolonged service life. A quick and daily inspection of the cooling tower will lead to continuous good performance, which will reduce the need for extensive and expensive repair work. In other words, *maintenance rather than fix-it-when-it-fails*. Set a schedule and keep records.

Suggested Inspection and Maintenance Schedule

	Fans & Fan Guards	Motors & Bearings	Coupling & Drive Assemblies	Gearbox(es) (if applicable)	Spray Headers	Cold Water Basins or Hot Water Basins	Make Up System & Suction Screens	Drift Eliminators & Fill	Structural Support Members	Casing & Enclosures	Lowere	Ladders, Handrails, Catwalks	Valves
Vibration or Noise	D	D	D	D									
Clogging					W	W		W					
Water Level					D	D							
Leakage				W	W	W	D			D	D		
Lubrication & Oil Level	X	X	X										A
Clean	C			X	X	X		Q	A	A			
Paint									A	X		A	
Open / Close													Q
Loose Bolts	Q	Q	Q	Q					A			A	
Oil Change				A									
Keys & Setscrews	S	S	Q	S									
Safety Check & Repair	X		X									X	
Overall Condition	M	Q	M	Q	A	A	M	A	A	A	A	A	A

Reference Key
 D - Daily
 W - Weekly
 M - Monthly
 Q - Quarterly
 A - Annually
 X - As Required