

Checklist 5.7 Ice Makers / Ice Machines		
Inspection Task	Rec. Corrective Actions	Frequency
Exterior		
1. Check all water fittings and water supply lines and drains for leaks.	Replace and repair as necessary.	Semi-annual
2. Check that the refrigeration tubing is not rubbing or vibrating against other tubing or panels.	Adjust as necessary.	Semi-annual
3. Check refrigeration tubing insulation.	Replace or repair as necessary.	Semi-annual
4. Check that nothing is stacked on or around the ice machine which impedes appropriate airflow through and around ice machine per OEM specifications.	Clear away as necessary.	Semi-annual
5. Check for dust and dirt on the outside of the ice machine.	Sponge off with mild soap and water, then dry with a soft, clean cloth. Commercial stainless steel cleaner may be used if applicable.	Semi-annual
6. Check the integrity of all panels and supports on equipment, as applicable.	Replace fasteners as needed to ensure proper integrity, and fit/finish.	Semi-annual
7. Check water filters.	Replace per OEM specifications.	Annually, depending on water conditions
Interior - Mechanical		
8. Check condenser for adequate airflow and inadequate circulation of discharge air, per OEM specifications.	Clear away as necessary.	Semi-annual
9. Disconnect electric power and check the outside of condenser and fins for dirt.	Clean in accordance with OEM specifications (e.g., with soft brush, coil cleaner, or vacuum with brush attachment. Brush from top to bottom, not side to side, so as not to bend fins).	Semi-annual
10. Check the condenser fan motor for worn bearings and secure mounting.	Lubricate, repair (e.g., tighten, weld, etc.), or replace as necessary.	Semi-annual
11. Check fins for bending.	Straighten with a fin comb as necessary.	Semi-annual
12. Check evaporator and water distribution system for scale buildup.	Clean water distribution system (by hand) and evaporator (with nicklesafe per OEM specifications) as necessary.	Semi-annual, depending on water conditions
13. Check water reservoir(s) for solids or mineral buildup.	Remove solids and flush thoroughly, per OEM specifications.	Semi-annual
14. Check the pump motor for proper operation (e.g., broken impeller, pumping speed, leaking, sequence of operation).	Repair or replace as necessary, per OEM specifications.	Semi-annual
15. Check air filter, condenser fan blade, and coil for dust, grease, and grime.	Clean as necessary.	Semi-annual
16. For ice flaker machines, check auger and mechanical seals, and check	Replace as necessary.	Check with OEM requirements (hrs. of

auger bearings for water.		operation, time)
17. Check heat exchanger (evaporator) surfaces for evidence of buildup or fouling.	Restore as necessary.	Semi-annual
18. Check tubing for separation from evaporator.	Replace the evaporator.	Semi-annual
19. Check fan blades and fan housing for dirt, bending, missing shroud.	Clean, repair, or replace as necessary.	Semi-annual
20. With electric power on, check condenser fan motor for proper operation and integrity of bearings (heat, vibration, noise).	Repair or replace as necessary.	Semi-annual
21. Check air-cooled condenser surfaces for damage or evidence of leaks.	Repair, clean, or replace as necessary.	Semi-annual
Interior - Water		
22. Check the water-cooled condenser and water regulating valve for scale buildup.	Clean per OEM specifications.	Semi-annual
23. Check water distribution system and evaporator for scale buildup.	Clean per OEM specifications.	Semi-annual
24. Check water distribution system for restrictions and consistent water flow over the evaporator.	Clean as necessary.	Semi-annual
25. Check water flow through external water filter.	Remove and replace as necessary.	Semi-annual
26. Check strainer, inlet water valve screen for obstruction or scale.	Clean or replace as necessary.	Semi-annual
27. Check the float switch for scale.	Clean or replace as necessary.	Semi-annual
28. Check the float valve assembly adjustment and operation.	Clean, adjust, repair, or replace as necessary.	Semi-annual
29. Check for proper drainage or water backup in the bin.	Clean as necessary.	Semi-annual
30. Check for water overflow of the reservoir.	Identify cause of overflow, resolve, and Clean as necessary.	Semi-annual
31. Check drain pan, drain line, and coil for biological growth.	Clean and sanitize as necessary, per OEM specifications.	Semi-annual
32. Check interior panels and areas of moisture accumulation for biological growth.	Clean and sanitize as necessary.	Semi-annual
Other		
33. Check bins for contaminants.	Clean and sanitize the ice machine bins per OEM instructions.	Semi-annual
34. Check bin ice sensor for proper operation/location.	Adjust or replace as necessary.	Semi-annual
35. Determine ice production per 24 hours from OEM specifications and compare to actual production.	If production is low, perform system check per OEM specifications.	Semi-annual