



Evaporative Cooler Inspection Checklist

Item No.	Description	Inspected By
1	Check that all evaporative cooler media pieces are secured in place	
2	Confirm that there are NO gaps between adjacent media pieces.	
3	Inspect all of the media to ensure they are installed in the correct orientation	
4	Inspect the distribution pipe, located on top of the distribution pad, to ensure it is installed in the correct position with the holes directed vertically upward	
5	Inspect the installation of the splash cover	
6	Inspect all flashing to ensure they are in the "as provided" conditions and that they have not been damaged during shipping, installation and operation	
7	Inspect all caulking for proper and complete installation. Ensure there are no leak paths and the quality of the caulking is acceptable.	
8	Check the drift eliminators to ensure they are installed in the correct orientation downstream of the media.	
9	Check that the end pieces of the drift eliminator are fully pressed against the drift eliminator sidewalls	
10	Check that the drift eliminators are fully interlocked, with a minimum interlock between adjacent drift eliminators of 1/2" [13mm]	
11	Check all of the piping connections to ensure there are no loose connections. Additionally, check that all of the customers connections are complete.	
12	Check seasonal and drain valves in the water distribution piping to ensure they are in the closed position.	
13	Verify all drain systems are correctly installed	
14	Inspect all field electrical connections to ensure there are no loose wires or conduit connections. All field wiring and connections should be assembled, as shown on drawings.	
15	Perform a visual inspection of all conduit runs for damage during shipping, installation and operation.	
16	Open the main control box to ensure power input from the customer is connected.	
17	Perform a visual inspection of all conduit runs for damage during shipping, installation and operation.	
18	Perform a visual inspection of all instruments to ensure that they are reading zero (0)	
19	Inspect the tubing runs for damage from shipping and handling of the unit.	
20	Check to ensure that the transmitters are field-wired to the corresponding control box.	
21	Review drawings to ensure that all of the field connections are properly made	
22	Inspect all access doors for proper seal, and that they are shut and locked	
23	Inspect the hardware for any loose connections or damaged gaskets. All connections should be airtight.	
24	Review the erection drawings and instructions to ensure installation was performed correctly.	
25	Visually inspect all field welds and field connections for the possibility of cracks or air bypass.	