



# Cooling Tower Inspection Checklist

Tower Location \_\_\_\_\_ Date Inspected \_\_\_\_\_  
 Owner / Company \_\_\_\_\_ Inspected by \_\_\_\_\_  
 Company Contact \_\_\_\_\_ Inspector \_\_\_\_\_  
 Signature \_\_\_\_\_ Signature \_\_\_\_\_  
 Owner's Tower Designation \_\_\_\_\_  
 Tower Manufacturer \_\_\_\_\_ Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Process Served by Tower \_\_\_\_\_ Operation: Continuous  Intermittent  Seasonal   
 Design Conditions: GPM \_\_\_\_\_ HW \_\_\_\_\_ °F CW \_\_\_\_\_ °F WB \_\_\_\_\_ °F  
 Cell No. \_\_\_\_\_ Number of Fan Cells \_\_\_\_\_ Tower Type: Crossflow  Counterflow   
 Date Tower was Installed \_\_\_\_\_

This checklist is intended to be used as a guide only. This checklist may not cover all potential issues and should not be relied upon as a substitute for Authorized Service Provider's professional judgment. Authorized Service Provider should report on all issues. Any issues that are identified for which a space is not otherwise provided in the checklist, should be noted in the Other Component sections or in a supplementary document.

**Condition: 1-Good 2-Keep an eye on it 3-Needs immediate attention**

## Structure

Casing Material \_\_\_\_\_  
 Structural Material \_\_\_\_\_  
 Fan Deck Material \_\_\_\_\_  
 Stairway  Material \_\_\_\_\_  
 Ladder  Material \_\_\_\_\_  
 Handrail  Material \_\_\_\_\_  
 Interior Walkway  Material \_\_\_\_\_  
 Cold Water Basin Material \_\_\_\_\_  
 Silt, Debris Buildup \_\_\_\_\_

1	2	3	Comments

## Water Distribution System

### Open Basin System

Distribution Basin Material \_\_\_\_\_  
 Inlet Pipe Material \_\_\_\_\_  
 Inlet Manifold Material \_\_\_\_\_  
 Flow Control Valves \_\_\_\_\_ Size \_\_\_\_\_  
 Nozzles – Orifice Diameter \_\_\_\_\_ Size \_\_\_\_\_  
 Silt, Algae, Debris \_\_\_\_\_


### Spray Type System

Header Pipe Material \_\_\_\_\_  
 Branch Pipe Material \_\_\_\_\_  
 Nozzles – Orifice Diameter \_\_\_\_\_ Size \_\_\_\_\_  
 Up spray  Down spray


## Heat Transfer System

Fill – Type and Material \_\_\_\_\_  
 Eliminators – Type and Material \_\_\_\_\_  
 Louvers – Type and Material \_\_\_\_\_  
 Biological Fouling \_\_\_\_\_


Use this space to list specific items needing attention:

