



## ***Inspection procedure for cooling tower.***

### ***Basic information:***

1. *Make,  
Model No. and no. of cells.  
Material of construction (wooden/FRP/Pultruded /RCC),  
Type of cooling tower (cross /counter)*
2. *Tower size : Length - in Mtrs  
(One louver column to other end of louver column in air entry side for Cross flow)  
Width - in mtrs.  
Height from Basin curbs level to top of fan deck level.  
Height from Basin curbs level to top of fan cylinder level.*
3. *Cold water basin size : Length x width x Height of basin ( up to basin curb level)*

*Technical information: Design conditions - FRW, HWT, CWT, WBT and rel. Humidity AND WORKING PARAMETERS.*

*Present condition of the equipment with above parameters.*

*Mechanical drive details - Motor (Rating), fan Size, No. of blades, fan stack height), Drive shaft.*

*Fill details: type, MOC, flute details for Film type and fill and grid spacing details for V bar/Optigridd type and Volume of fill.*

*Nozzle: Orifice details and nozzle spacing for distribution system.*

*Drift eliminator: type, MOC, Area*

*Structure: Casing, Column & and fan deck, staircase etc.*

*Basin : Size, height, free board, channel outlet and screen sizes.*

*Percentage of condition for tower.*

*.Note; All the details must be enclosed along with inspection report.*