



# Can you afford not to maintain your cooling tower?

Tower Systems provide evaporative cooling tower mechanical maintenance contracts.



It is essential to ensure evaporative cooling towers and condensers are correctly and professionally maintained for safe efficient operation, to maximise operational life and ensure compliance with current legislation.

Tower Systems' technicians are fully trained, highly experienced and ideally positioned within the cooling tower industry to provide this service.

Tower Systems offer routine mechanical maintenance contracts in accordance with original manufacturers' operating and maintenance instructions and industry best standards.

Maintenance visits highlight the condition of all critical components e.g. bearings, fans, pumps, strainers and heat transfer surface etc and are followed by a detailed written report including any actions required to ensure full compliance with current regulations/recommendations.

## Typical Mechanical Service Visit Schedule

- Electrically isolate unit (by others)
- Remove and clean pan strainer
- Check water level (reset if necessary)
- Check for free fan rotation
- Lubrication of fan shaft bearings
- Check locking collars
- Check fan belt tension (adjust if necessary)
- Check condition of heat transfer surface
- Inspect spray nozzles, remove and clear (if necessary)
- Check eliminator location and condition
- Restore electrical supply (by others)
- Check fans for correct rotational direction
- Check unit for any unusual noise or vibration
- Inspect general condition of unit
- Complete service report



Evaporative Cooling Equipment Specialist Repair & Renewal

### COOLING TOWER SERVICE REPORT

SERVICE DATE:

Client	Model No.
Site address	Serial No.
	Belt No.
	Customer Ref.
Site Contact	Tel No.

#### GENERAL INSPECTION

Pan Condition	OK	Not OK	Remarks
Leaks			
Paint – exterior			
Paint – interior			
Access door(s)			
Float assembly			
Water level			
Drain			
Strainer			
Bleed off Open/Closed			
Overflow			
Spray pump			
Vibration isolators			
Pan interior			

#### GENERAL INSPECTION

Fan Condition	OK	Not OK	Remarks
Motor(s)			
Belts – adjustments			
Drive alignment			
Belt guard			
Fans			
Fan housings			
Fan shaft			
Bearings			
Locking collars			
Bearing supports			
Fan screens			
Dampers			
Vibration			



UK Reg. No. 619 4712 03  
Registered in England No. 2071024 Registrar Office:  
Tower Systems Ltd • Unit 4 Sandown Road • Watford • Herts WD24 7UB

Tower Systems Ltd • Unit 4 Sandown Road • Watford • Herts WD24 7UB  
Tel: 01923 238603 • Fax: 01923 239093 • Website: www.towersystems.co.uk



### ACTIONS REQUIRED FOLLOWING (MONTH) SERVICE VISIT

Model No.  
Serial No.

#### URGENT

Items	Quotation reference	Date submitted	Completed

#### DURING NEXT SERVICE VISIT

Items	Quotation reference	Date submitted	Completed

#### RECOMMENDATIONS

Items	Quotation reference	Date submitted	Completed

#### GENERAL INSPECTION

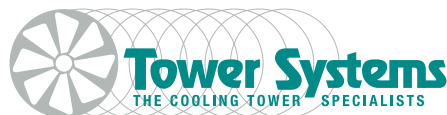
Heat transfer Section	OK	Not OK	Remarks
Leaks			
Paint – exterior			
Paint – interior			
Wet deck			
Heat transfer coil			
Spray system			
Eliminators			
Positive Closure Dampers			

#### GENERAL INSPECTION

Pan heater(s)	OK	Not OK	Remarks
Heater			
Thermostat			
Low level cut out switch			

Items needing attention	Actioned	Completed

Engineer	Signature	Date
----------	-----------	------



Tower Systems Ltd • Unit 4 Sandown Road • Watford • Herts WD24 7UB  
Tel: 01923 238603 • Fax: 01923 239093 • E-mail: info@towersystems.co.uk

