

Evaporative Cooler - Indirect type

Last Issue Date: 03/11/2020		Type Of Service				
		A	B	C	D	E
Activity		A	B	C	D	E
1	ELECTRICAL: a) Carry out a visual inspection for obvious damage to the equipment. b) To the unit frame and pump shaft test the earthing continuity to AS3000 (hard wired). Note: The tests are to be done before & after isolation, & after re-instatement.		Y	Y	Y	Y
2	ELECTRICAL CONDITION AND OPERATIONAL: a) Check the connections; and b) Check the operation of the components incl.: fan motor, PCBs, control box.			Y	Y	
3	AIR INLET FILTERS - Check and clean.		Y	Y	Y	
4	AIR INLET FILTERS - Replace when required by site conditions.					Y
5	CABINET FAN: a) Check the condition and operation for correct impellor cone alignment; and b) Adjust as required.			Y	Y	
6	CABINET TANK: a) Check the tank integrity looking for any contamination, leaks & damage; b) Clean the tank.			Y	Y	
7	WATER CONNECTIONS AND DISTRIBUTION SYSTEM: Check the system's overall condition, cleanliness & operation & adjust as required. To include: a) Water level; b) Drain valve; c) Inlet solenoid; d) Water probes; e) Chlorinator; and f) Water pump. g) Water supply hose between the pump and water distributor for free running water. Replace any damaged or clogged up hoses. Note: Calcium build-up is common in areas with hard water (quality).			Y	Y	
8	VISUAL INSPECTION OF THE INSTALLATION: Check the condition and integrity of the: a) Ducting; b) Roof penetrations including flashings and waterproofing; c) Mounting; d) Vibration isolation material; and e) Access.			Y	Y	
9	OPERATIONAL CHECK: a) Undertake a start up and run sequence, control operation and check the air outlet vane setting; b) Adjust as required; and c) Record the setting in Pa in the log book / customer service report.				Y	
10	Record the results in the logbook and submit a customer report to the FMSP.		Y	Y	Y	Y

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For more information please contact the applicable Facilities Management Service Provider.



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## Special Comments and Technical Data

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B SERVICE: MONTHLY.

C SERVICE: 3 MONTHLY.

D SERVICE: ANNUAL AND AT THE START OF THE COOLING SEASON DEPENDING ON SITE REQUIREMENTS.

E SERVICE: FILTER REPLACEMENT WHEN REQUIRED BY SITE CONDITIONS.

SERVICE ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON SITE CONDITIONS AND MANUFACTURER'S RECOMMENDATIONS.

### NOTE:

1/ IF THE UNIT IS USED FOR HEATING AS WELL IT WILL RUN THROUGHOUT THE YEAR.

2/ THIS GENERIC TDS HAS BEEN PREPARED ON THE BASIS THE UNIT IS USED FOR COOLING AND HEATING OPERATIONS.

3/ A GUIDELINE FOR THE REPLACEMENT OF THE CORE FOR NORMAL COMFORT COOLING IS AFTER APPROXIMATELY 15+ YEARS OPERATION.

IF A HEATING COIL IS ASSOCIATED WITH THE UNIT USE TDS ME43: HEATING - COILS.

APPLICABLE LEGISLATION: MINISTERIAL BUILDING STANDARD MBS 002 - MAINTAINING THE PERFORMANCE OF ESSENTIAL SAFETY PROVISIONS, PUBLIC HEALTH (LEGIONELLA) REGULATIONS, AS3666.2.

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