TECHNICAL SERVICE REPORT

COOLING WATER TREATMENT MANAGEMENT PROGRAM

HYDROFLOW
WORRY FREE WATER
Industrial Water Treatment
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Customer:	Gordon House	**Date of Visit:**	07/06/2022
Address:	24-38 Little Bourke Street Melbourne Victoria 3000 Australia	**System:**	Cooling Tower 1 (CTS 2023)
Contact:	Geoff Brown	**Technician:**	Adam Kielbaska

1. SUMMARY & RECOMMENDATIONS

- pH is at an optimal level, no changes to report.
- TDS is within range, probe reading accordingly.
- FAO is at an optimal level for the control of bacteria.
- Inhibitor level found to be within specification.

General Comments

- New corrosion coupons installed.
- All pumps tested, no faults to report.

2. ANALYSES

Results				
Analyses (mg/l)	**Make-up**	**Cooling Tower 1**	**Limits**	
pH (Actual/Controller)	7.70	7.43/	7.00–8.50	
TDS (Actual/Controller)	60	320/372	< 1500	
Temperature		15.00		
Biocide (Actual/ Controller)		1.37/	0.20–2.00	
Inhibitor		6.30	5.00–15.00	
Microbiological Sample		No		
Water Meter Reading			**Dosing Equipment Check**	
Water Meter (m^3)		m2	Controller	✓
			Probes Cleaned	✓
			Dosing Pumps	✓
Corrosion Coupon and Cooling Tower Condition			Bleed Valve	✓
Mild Steel		3/5	Dosing Lines	✓
Copper		4/5		
Aluminium		N/A/5		
Stainless Steel		N/A/5		
Tower Condition		3/5		

REPRESENTATIVE:
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Dosing information and Controller Settings	
TDS Set- Point	1100
PH Set-Point	
Primary Biocide	1min/day
Secondary Biocide	1min/week
Inhibitor	2s on/3600s off

Chemical Levels	Actual/Maximum	Delivery
Biocide A (HF 198)	7.00/30.00	
Biocide B (HF 143)	25.00/30.00	
Inhibitor (HF 322)	7.00/30.00	

Test Name	Result

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