

Water Treatment Service Report



Location: ALAN WOODS BUILDING
Client: TRUSTEES FOR THE WOODS TRUST
Attention: JON MULLENS* **Technician:** HYDRO INDUSTRIES
Date: 14/12/2020 **Service Call:** 2012-2677
Client No: N16102 **Issued By:** SYDN
Contract: NC11181 **Contact No:** 02 9792 1444

Risk Assessment

If risk identified, refer to JSEA for details (✓ = pass, X = fail)

- | | |
|--|---|
| <input checked="" type="checkbox"/> Safe access (falls, slips, trips)? | <input checked="" type="checkbox"/> Acceptable noise level with use of PPE? |
| <input checked="" type="checkbox"/> Safe manual handling? | <input checked="" type="checkbox"/> Shutdown procedure? |
| <input checked="" type="checkbox"/> Adequate lighting? | <input checked="" type="checkbox"/> Other (refer JSA) |

Results

CONDENSER WATER			
Analysis			
pH	7	8.2	8.2
M Alkalinity (CaCO ₃)	20	100	300
Chloride (CaCO ₃)	200	100	400
TDS (CaCO ₃)	500	360	1000
Inhibitor	Hydro 260		
	200	300	350
Total Available Halogen	Hydro 360		
	0.2	1.2	1.2
Inhibitor adjustments			
Adjustment (L / Kg)	Hydro 260		
		0.4	
Adjustment (L / Kg)	Hydro		
Inhibitor pump			
Start% / Added / Finish%	Hydro 260		
	10	15	100
Operational		<input checked="" type="checkbox"/>	
Biocide adjustments			
Adjustment (L / Kg)	Hydro 256		
		0.6	
Adjustment (L / Kg)	Hydro 360		
		0	
Biocide pump 1			
Start% / Added / Finish%	Hydro 256		
	45	0	45
Operational		<input checked="" type="checkbox"/>	
Biocide pump 2			
Start% / Added / Finish%	Hydro 360		
	40	8.0	100
Operational		<input checked="" type="checkbox"/>	
Other tests			
Cycles		4.3	
ORP set point (mV)		420	
Water Meter Reading			
Make up Reading		0	
Bleed Reading		0	
Samples			
Heterotrophic Colony Count		<input checked="" type="checkbox"/>	
Legionella		<input checked="" type="checkbox"/>	
Cooling tower inspection			
Visible condition		Satisfactory.	

How to interpret the results

All results in mg/L unless indicated otherwise

Chemical analysis

Desired minimum → 7 7.7 9.5 ← Desired maximum

Actual result

Dosing tank / pump

Product name → Hydro 464
 Tank start level % → 75 6.2 100 ← Tank final level %
 Amount added in litres → ☒ ← Pump operational

Comments

CTS: Service results indicate all chemical residuals are satisfactory for corrosion and scale control. Cooling tower drains flushed. Removed cleaned and calibrated all dosing system control probes. LOOPS: Both Chilled and Lthot water systems require cleaning and/or redosing with chemical.

Site Signature