

Certificate of audit completion

Site details

Record	Details
Site address	98 Bath Rd Kirrawee NSW 2322 (Clingcast Metals)
Cooling water system details (number of cooling towers, and unique identification number for each cooling tower)	1 x BAC RCT2176 Cooling Tower UIN: SSC-HLT832583-0026-01
Local Government Authority (where this system is located)	Sutherland Shire Council

Outcome of audit

Record	Details
Date of audit completion	23/02/2026
Date of notification to occupier	23/02/2026
Date when next audit is required (an audit is required for every 12 month period calculated based on the month when the risk assessment was completed). Refer to the Guidelines for further information	23/02/2026
Compliance with RMP and Regulation demonstrated	<input type="checkbox"/> Compliant <input checked="" type="checkbox"/> Non-compliant

Period covered by this audit

Record	Dates
Period being audited (12 month period)*	1/02/2025 to 31/01/2026
Period covered by current RMP (up to 5 year period)	3/06/2024 to 30/06/2026

* Audit Period is the 12-months period after a risk assessment is completed. The occupier must notify the LGA for the area, in the approved form, no later than 7 days after the risk assessment is completed.

Audit non-compliance

List of non-compliance demonstrated by this audit
RMP CERTIFICATE TO LGA WITHIN 7 DAYS OF NOTIFICATION TO OCCUPIER No - Email evidence provided
AUDIT CERTIFICATE TO LGA WITHIN 7 DAYS OF NOTIFICATION TO OCCUPIER No - Email evidence provided
<i>Attach documents, worksheets and photographs to support the audit findings after this page.</i> SITE: 98 Bath Rd Kirrawee NSW 2322 (Clingcast Metals) UIN: SSC-HLT832583-0026-01

Chemical Analysis

Temperature	Recorded thru the audit period
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Make Up Water Analysis	NSW Health advised HydroChem not required for mains water
pH	One low excursion thru the audit period
TDS	Three high excursions thru the audit period
Chlorides	Three high excursions thru the audit period
FAH	One high and four low excursions thru the audit period
Inhibitor	Six high and two low excursions thru the audit period
Cleanliness of wetted surfaces	Recorded thru the audit period
Alkalinity	Two high excursions thru the audit period
Alternate Biocide Added	Monthly disinfection thru the audit period
Cycles of Concentration	Recorded thru the audit period
Corrosion Inspection	Recorded thru the audit period
Corrosion Coupons	No corrosion monitoring in place; the system is predominantly stainless steel, microbiological impact from corrosion by-products is considered negligible.
Cooling Tower Cleans	Quarterly cooling towers cleaning performed thru the audit period

RMP CERTIFICATE TO LGA WITHIN 7 DAYS OF NOTIFICATION TO OCCUPIER

No - Email evidence provided

AUDIT CERTIFICATE TO LGA WITHIN 7 DAYS OF NOTIFICATION TO OCCUPIER

No - Email evidence provided

LEGIONELLA RESULTS

No excursions thru the audit period

Continue to monitor

HCC RESULTS

No excursions thru the audit period

Continue to monitor

ACTION PLAN ITEMS

NUTRIENT AVAILABILTY & GROWTH COMPLETED

Water temperature favourable to microbial growth*

The mechanical contractor or equipment supplier should be contacted to discuss lowering the operating water temperature below 25°C if possible to do so.

Responsible Person Occupier Deadline September 2019

HydroChem States: - item in the 2022 and 2024 RMPs indicates COMPLETED

STAGNANT WATER – COMPLETED

Presence of water in dead legs

Put in place a program to regularly activate condenser water pumps.

Every 48 hours for cwps controlled by DDC or weekly for manually operated cwps.

Responsible Person Occupier Deadline October 2019

HydroChem States: - item in the 2022 and 2024 RMPs indicates COMPLETED

STAGNANT WATER – COMPLETED

System not in use due to intermittent operation or seasonal usage

The system is left drained and isolated during the shutdown period.

Responsible Person Occupier Deadline October 2019

HydroChem States: - item in the 2022 and 2024 RMPs indicates COMPLETED

LOCATION & ACCESS TO COOLING TOWERS - COMPLETED

Aerosol dispersion and public access to system

Increased service frequencies are recommended due to the volume and/or vulnerability of people in the immediate area.

Warning signs need to be placed on all access doors and at the cooling tower.

Access to the cooling tower needs to be restricted at all times.

Responsible Person Occupier Deadline October 2019

HydroChem States: - item in the 2022 and 2024 RMPs indicates COMPLETED

LOCATION & ACCESS TO COOLING TOWERS - COMPLETED

System access for inspection, maintenance and cleaning

Develop safe access to basin, all splash eliminators, and drift eliminators for effective maintenance and cleaning.

Responsible Person Occupier Deadline June 2020

HydroChem States: - item in the 2022 and 2024 RMPs indicates COMPLETED

POOR WATER QUALITY – COMPLETED & ONGOING

Microbial control program (dual biocides, oxidising, non-oxidising)

The system is being inspected weekly by Scott to ensure it is online and not showing activated alarms.

Maintain & document the weekly inspection of the dosing equipment

Responsible Person Occupier Deadline June 2020

HydroChem States: - item in the 2022 and 2024 RMPs indicates Ongoing

POOR WATER QUALITY - COMPLETED

Water quality (Presence of corrosion products)*

No observed corrosion in the accessible areas at the time of the inspection.

No corrosion monitoring in place; the system is predominantly stainless steel, microbiological impact from corrosion by-products is considered negligible.

Responsible Person Occupier Deadline December 2019

HydroChem States: - item in the 2022 and 2024 RMPs indicates Ongoing

Microbial Summary

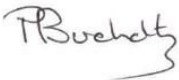

Clingcast 98 Bath Rd Kirrawee SCC-HTL832583-0026-01 Feb 25 to Jan 26					
SAMPLE DATE	HCC	HCC RETEST	LEG	LEG RETEST	LEG 2ND RETEST
26/02/2025	<1000			<10	
31/03/2025	<1000			<10	
29/04/2025	<1000			<10	
26/05/2025	<1000			<10	
24/06/2025	<1000			<10	
18/07/2025	<1000			<10	
26/08/2025	<1000			<10	
22/09/2025	<1000			<10	
16/10/2025	<1000			<10	
21/11/2025	<1000			<10	
19/12/2025	<1000			<10	
22/01/2025	<1000			<10	

Service Docket Summary

Clingcast 98 Bath Rd Kirrawee SCC-HTL832583-0026-01 Feb 25 to Jan 26															
Date/Target	TEMP	MAKE UP	pH	ALKALINITY	CHLORIDES	TDS	INHIBITOR	FAH	CYCLES	CLEANLINESS OF WET SURFACES	ALT BIO ADDED	CORROSION INSPECTION	CORROSION COUPONS	TOWER CLEAN	COMMENTS
TARGET	<35	RECORD	7-8.5	20-300	200-500	500-1500	100-200	0.4-1.0	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	
15/01/2025															15/01/2025 Tower Clean
26/02/2025	24.0	Operational	8.4	384	1400	2700	350	0.0	35.0	Mildly Dirty	Yes	None Visible	No Evidence		Chemical levels are elevated.Bleed line is returning to tower basin.Dosing equipment in poor condition.
31/03/2025	22.0	Operational	6.5	244	1280	3300	600	0.2	32.0	Mildly Dirty	Yes	None Visible	No Evidence		Bleed solenoid stuck open. Cleaned solenoid ,now operating correctly.Equipment needs replacing.
29/04/2025	22.0	Operational	7.3	168	460	1200	300	0.4	11.0	Mildly Dirty	Yes	None Visible	No Evidence		Inhibitor level elevated. Reduced dosing rate. Equipment needs replacing.
7/05/2025															7/05/2025 Tower Clean
26/05/2025	19.0	Operational	7.2	148	360	900	600	0.2	9.0	Satisfactory	Yes	None Visible	No Evidence		Chemical residuals satisfactory.FAH low. Inhibitor high. Reduced dosing rate.
6/06/2025															Supplied & installed new dosing controller & circulation pump, programmed to suit.
24/06/2025	15.0	Operational	8.2	212	420	1050	300	0.4	10.0	Satisfactory	Yes	None Visible	No Evidence		Inhibitor above limit. Reduced dosing rate.
18/07/2025	17.0	Operational	8.3	236	470	1150	75	0.5	11.0	Mildly Dirty	Yes	None Visible	No Evidence		Dosing equipment operational.Adjusted inhibitor.
24/07/2025															24/07/2025 Tower Clean
26/08/2025	19.0	Operational	8.2	224	430	1050	125	1.4	10.0	Satisfactory	Yes	None Visible	No Evidence		High FAH,adjusted dosing rate. Dosing equipment operational.
22/09/2025	19.0	Operational	8.2	240	480	1120	175	0.4	12.0	Satisfactory	Yes	None Visible	No Evidence		Chemical residuals satisfactory. Dosing equipment operational.
16/10/2025	21.0	Operational	8.1	232	480	1100	300	0.4	12.0	Satisfactory	Yes	None Visible	No Evidence		Reduced inhibitor dosing rate. Dosing equipment operational.
31/10/2025															Clean to be rescheduled
5/11/2025											Yes				5/11/2025 Tower Clean
21/11/2025	20.0	Operational	8.1	212	440	1050	150	0.0	11.0	Satisfactory	Yes	None Visible	No Evidence		Circulation pump has failed, needs replacing.
19/12/2025															Replaced circulation pump under warranty.
19/12/2025	22.0	Operational	8.3	340	580	1600	125	0.3	14.0	Satisfactory	Yes	None Visible	No Evidence		Adjustments made.Dosing equipment now working correctly.
22/01/2026	21.0	Operational	8.6	260	420	1330	50	0.6	13.3	Satisfactory	Yes	None Visible	No Evidence		Low inhibitor & high pH.Adjusted inhibitor time to rectify.

Declaration by independent auditor

I declare that I have been approved by the Secretary of NSW Health to audit cooling water systems, and that I meet the independence requirements set out in the Regulation.

Name of independent auditor	Contact details (phone number, email, postal address)
Paul Bucholtz	0491 034 114 admin@waratahauditing.com.au U1, 4 Raglan Rd Miranda NSW 2228
Signature of independent auditor	Date
	23/02/2026
NSW Health auditor number	Employer (name of company or organisation)
CWS016	Waratah Auditing 

Local Government Authority use

Record	Details
Date received	Click or tap to enter a date.
Name and position of receiving officer	Click or tap here to enter text.
Certificate of audit completion received within 7 days of completion (date of declaration above)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Audit completed within 2 months after the end of the audit period	<input type="checkbox"/> Yes <input type="checkbox"/> No

Action taken (date and time):	
<input type="checkbox"/>	Unique identification numbers confirmed
<input type="checkbox"/>	Auditor number and current registration confirmed
<input type="checkbox"/>	Register of cooling water systems updated
<input type="checkbox"/>	Flagged for follow up
<input type="checkbox"/>	Desktop (off site) follow up
<input type="checkbox"/>	Site investigation and inspection
<input type="checkbox"/>	Improvement notice issued
<input type="checkbox"/>	Prohibition order issued

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