

Cooling Water System Inspection Report

Date:	Location of Cooling Tower:
Time:	

Contractor details	
Name:	
Supervisor:	
Worker rep:	

Indicate the following: Compliance ✓, Non-compliance x, or Not Applicable N/A –

Documentation	
ATW has been issued and available	
JSA/SWMS/Take 5 has been completed	
Permits issued (e.g. work at heights, confined spaces, hot works)	
Display of Unique Identification Number (UIN)	
UIN displayed on each cooling tower in approved manner	
Unique Identification Number (UIN):	
Work Area	
Clear access to cooling tower	
Debris/rubbish removed from bunded area	
No other activities in cooling tower area (one contractor only)	
Even surfaces/no change in level	
Good lighting	
Located away from air intakes, exhaust outlets, and passers-by.	
Weather	
Not working in Extreme heat	
Not working in high wind	
Nutrient availability and growth	
Clear of signs of sludge, slime, sediment, algae	
Clear of biofilm, rust, dirt, foreign matter	
Louvres in place, constructed of corrosion resistant material, fitted to prevent entry of contaminants, and in good working condition.	
Fill in place, constructed of corrosion resistant material, designed for effective cleaning and in good working condition.	
Drift eliminators in place, constructed of corrosion resistant material, and in good working condition.	
Chemicals	
Chemicals are automatically dosed, or automatic continuous water treatment system is installed	
Adequate chemical volume remaining in chemical containers	
Chemical supply lines clear from blockage and not kinked	
Monthly servicing and water sampling completed.	
SDS available	
Working at Heights	
Work over 2 metres has a permit issued	
Correct use of a ladder or ladder platform (if used)	
Standing on fixed platforms (where used)	
If a harness is used, a rescue plan has been developed	
If scaffolding has been erected for use, scaffold is complete and fit for use	
Scafftag is fitted to scaffold	
Scaffold has been inspected at an interval not exceeding 30 days	

Cooling Water System Inspection Report



Personal Protective equipment (PPE)	
Eye Protection – Wearing safety glasses	
Eye Protection – Wearing a face shield when water blasting	
All workers wearing a P2 mask inside the blue line	
Rubber gloves worn while using chemicals and cleaning	
Steel capped boots worn	
Steel capped rubber boots worn (if needed)	
Hard hat worn	
High viz shirts worn	
No loose jewellery (chains, long earrings, bracelets, necklaces, bulky rings)	

Confined Space Work	
Stand by person outside entrance	
Training of workers – Can produce cards/certificate	
Gas Monitor has been bumped tested	
Gas monitor readings are recorded	
Risk assessment has been completed	
Isolation locks in place	
Permit issued	
Rescue plan completed	
Rescue equipment available on site	
Entry and exit log	

Inspection outcome	
Inspection Result	<input type="checkbox"/> Satisfactory <input type="checkbox"/> Not satisfactory
Further Action	<input type="checkbox"/> No action required. <input type="checkbox"/> Verbal warning <input type="checkbox"/> Warning letter <input type="checkbox"/> Reinspection

Comments/Direction

Person undertaking inspection details
Name:
Title:
Signature:
Phone:
Email: