

LEGIONELLA RISK MANAGEMENT & WATER SYSTEMS

EXPERT SERVICES ONLINE SOLUTIONS TRAINING

Asbestos & Hazardous Materials
Occupational Hygiene
Property Risk
Health & Safety
Environmental Management
Contaminated Land
Emergency Management

COOLING WATER SYSTEMS (CWS) MUST BE MANAGED SAFELY TO PREVENT THE GROWTH AND TRANSMISSION OF LEGIONELLA BACTERIA

Legionella bacteria can grow rapidly in building water systems, particularly when temperature and other conditions are favourable. Although this can include warm water systems, spa pools and even decorative fountains, outbreaks are often attributed to cooling towers, which can potentially disperse contaminated aerosols to a wide area.

In 2018, NSW Health strengthened the laws to require a performance-based (or risk management) approach to managing cooling water systems. The Regulation requires all cooling water systems to be managed according to Australian/New Zealand Standard AS/NZS 3666.3:2011. This risk management approach requires the individual characteristics and unique risks of each cooling water system to be assessed and controlled.

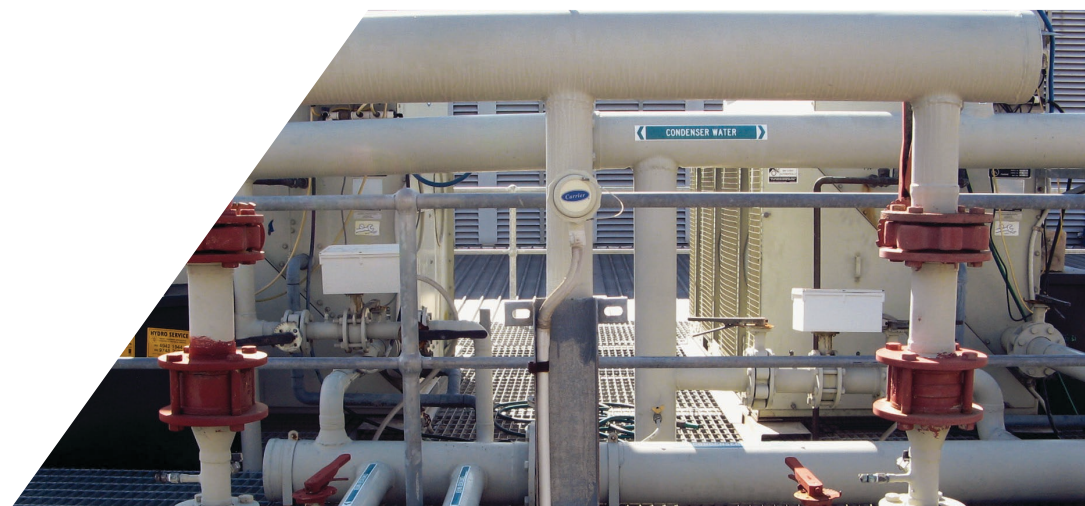
The Regulation sets out six key requirements or “safeguards” as part of the risk management approach:

1. Assessing risk of Legionella contamination and preparing a Risk Management Plan (RMP) every 5 years (or more frequently if required)
2. Independent auditing of compliance with the RMP and Regulation every year
3. Providing certificates of RMP completion and audit completion to the local government authority
4. Sampling and testing for Legionella and heterotrophic colony count every month
5. Notifying reportable laboratory test results (Legionella count $\geq 1,000$ cfu/mL or heterotrophic colony count $\geq 5,000,000$ cfu/mL) to the local government authority
6. Displaying unique identification numbers on all cooling towers

Facility owners and managers are confronted with the need to meet the change in legislation, risk management and compliance requirements.

Greencap services include:

- Develop tailored Risk Management Plans (RMP)
- Conduct risk assessments to ensure compliance
- Conduct audits of compliance with the RMP and Regulation.



Greencap has a team of highly qualified CWS experts with relevant qualifications and certifications, enabling the provision of specific advice and targeted solutions to clients in this space.

Greencap Asset Management System

Greencap's new Asset Management System (formerly ContinuONE) enables your business to simply manage your portfolio of sites with an enhanced user experience using two industry-leading platforms.

Greencap Property Risk & Compliance Portal helps you:

- Record, analyse and report on property risk and compliance data
- Track progress of corrective actions and recommendations
- Escalate overdue or critical items

Greencap Asbestos & HazMat Portal supports you to:

- Track hazardous materials corrective actions and recommendations
- Track sitework, sample analysis and project completion
- Manage overdue or critical hazardous materials items
- Download reports and online risk register
- Read-only access for your contractors

Service and Support:

- Platforms available online 24/7
- Support hours Monday to Friday 8.30am -5.00pm

Visit www.greencap.com.au/services/asset-management-system for more information.



For further information on these services go to:
greencap.com.au/services

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ABN 76 006 318 010

Adelaide ☎ 08 8299 9955 | Brisbane ☎ 07 3514 9222 | Canberra ☎ 02 6280 9727 | Darwin ☎ 08 7906 1300 | Geelong ☎ 03 9896 8748
Melbourne ☎ 03 9896 8600 | Perth ☎ 08 9214 6100 | Sydney ☎ 02 9889 1800 | Wollongong ☎ 02 4298 2600