

LS-R6: Legionella Prevention

Intent	To manage the risk of Legionella in water based public realm systems.
Credit Requirements	<p>GENERAL</p> <p>Develop and implement a Legionella Management Plan for all relevant water based systems.</p> <p>Follow the requirements and guidance in Part 1 and 2 of 'Legionnaire's Disease - The Control of Legionella Bacteria in Water Systems', Approved Code of Practice and Guidance (L8), 4th Edition 2013, UK Health and Safety Executive and EHSMS CoP 12.0.</p> <p>Implement the Legionnaire Management Plan for all at risk water based systems.</p> <p>ADDITIONAL REQUIREMENT/CLARIFICATIONS</p> <p>None</p>
Credit Submission: Design Rating	<ul style="list-style-type: none"> <input type="checkbox"/> Narrative and drawings describing all water systems present in the project. The Narrative must explain the approach to Legionella Management, or confirm no water based systems are present; and <input type="checkbox"/> Legionella Management Plan for the treatment of Legionella in the project's water-based systems.
Credit Submission: Construction Rating	<ul style="list-style-type: none"> <input type="checkbox"/> Operations and Maintenance Manual (OMM) containing the Legionella Management Plan; <input type="checkbox"/> Narrative and as-built drawings of the project's water-based systems. The Narrative must explain the approach to Legionella Management and how it integrates into the OMM; <input type="checkbox"/> Legionella Management Plan for the treatment of Legionella in the project's water-based systems; and <input type="checkbox"/> All audit checklists associated with the Legionella Management Process including but not limited to plant installation and commissioning, testing, training and competency and record keeping.
Calculations and Methodology	<p>The Legionella Management Plan must be set out in accordance with Part 1 of HSE ACoP L8 and EHSMS CoP 12.0.</p> <p>Relevant water based systems include but are not limited to:</p> <ul style="list-style-type: none"> ▪ Water systems incorporating a cooling tower; ▪ Water systems incorporating an evaporative condenser; ▪ Hot and cold water systems; ▪ Other plant and systems containing water which is likely to exceed 20°C and which may release a spray or aerosol during operation OR when being maintained; ▪ Humidifiers; ▪ Air washers; ▪ Spa baths and pools; ▪ Car/bus washes; ▪ Wet scrubbers; ▪ Fountains and water feature; and ▪ Sprinkler and hose reel systems. <p>The Legionella Management Plan must include:</p> <ul style="list-style-type: none"> ▪ Risk Identification and Risk Assessment;