

Legionella

A reasonable foreseeable risk of exposure to legionella exists in:

- Water systems incorporating a cooling tower
- Water systems incorporating an evaporative condenser
- Hot and cold water systems, and
- Other plant and systems containing water which is likely to exceed 20oC and which may release a spray or aerosol during operation

Control Action Plan

System	Task	Frequency	Responsibility
Hot Water Services	Sample hot water, calorifiers to note condition of drain water	Annually	
	Check calorifier flow and return temperatures. (Flow should be at least 60oC, return at least 50oC). The fitting of temperature gauges is recommended	Monthly	
	Check the water temperature is at least 50oC at sentinel taps (the first and last taps on a recirculating system) after running for 1 minute	Monthly	
	Check internal surfaces of calorifiers for scale and sludge	Annually	
	Check that water temperature is at least 50oC at representative taps after running for 1 minute	Annually	
Cold Water Services	Check tank water temperature remote from the ball valve and mains water temperature at the valve. Note maximum temperatures where max/min thermometers are fitted. (Water should be below 20oC at all times)	Six Monthly	
	Check that water temperature is below 20oC at sentinel taps after running for 2 minutes	Monthly	
	Visually inspect tanks and carry out remedial repairs where necessary	Monthly	
	Check the water temperature is below 20oC at representative taps after running for 2 minutes.	Annually	
Shower Heads	Dismantle, clean and descale shower heads and hoses.	Quarterly	
Little Used Outlets	Flush through and purge to drain, or purge before use, without release of aerosols.	Weekly	
Emergency Showers and Eyewash Sprays	Flush through and purge to drain, or purge before use, without release of aerosols.	Six Monthly	
Lathe and machine tool coolant systems	Clean and disinfect storage and distribution systems.	Six monthly	