

Legionella – Risk Assessment Template No.32 (List additional hazards, risks and controls particular to your school using Template No.74)

Hazards	Is the hazard present? Y/N	What is the risk?	Risk rating H = High M = Medium L = Low	Control measures	Is this control in place? Y/N	If no, what actions are required to implement the control?	Person responsible	Date action completed
Legionella bacteria		Pontiac fever Legionnaires disease (potentially fatal form of pneumonia)	H	Competent person with relevant skills, knowledge and experience identified to conduct site specific risk assessment				
			H	Sources of possible risk of Legionella identified from work activities and water systems at the workplace. To consider: <ul style="list-style-type: none"> • Potential for Legionella growth e.g. water stagnation, sources of contamination etc. • Potential for aerosol generation • Presence of susceptible persons • Adequacy of existing site management records and arrangements • Efficacy of existing preventative and control measures • Systems at greatest risk assessed, e.g. showers, cisterns, lawn sprinklers, firefighting systems – sprinklers or hoses, humidifiers in food cabinets, spray washing equipment, emergency showers, eye wash stations, etc 				
			H	Documented Procedure(s)/Written Scheme in place to prevent and control risk from Legionella (Legionella control plan) <p>The Legionella Control plan contains:</p> <ul style="list-style-type: none"> • Description of the water system and the safe and correct operation of the system and any relevant plant and equipment • An up to date schematic diagram of the system • Details of the tests and checks, e.g. temperature measurements, to be carried out, by whom and when and what records are kept and by whom • Details of the remedial action to be taken if the system is out of specification <p>Systems are in place for change control– i.e. updating the schematic diagrams if changes are made</p> <p>The cold water tank is fitted with a cover and insect screen(s) and located in a cool place and protected from extremes of temperature</p>				

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Legionella bacteria		Pontiac fever Legionnaires disease (potentially fatal form of pneumonia)		<p>Cold water pipework insulated and kept away from heat sources</p> <p>Cold water storage holds enough for a day's use only and has no build-up of scale or sludge</p> <p>Hot water distribution pipes insulated Biocide treatments used for cooling towers</p> <p>Hot water stored above 60°C and distributed at above 50°C. Cold water kept below 20°C and checks recorded</p> <p>Water storage tanks are checked and cleaned, any build up of sludge/slime is cleaned, and tanks are disinfected annually</p> <p>Records of flushing and purging are kept</p> <p>Shower heads cleaned, descaled and disinfected quarterly in accordance with documented procedures and records kept</p> <p>There are arrangements in place for little used outlets, to either:</p> <ul style="list-style-type: none"> • flush through showers/ taps/emergency showers and all other sources arising on at least a weekly basis, or • carry out a safe purge of the water system before use e.g. prior to reopening after summer holidays 				
			H	<p>Competent 'Responsible person' and deputy identified to oversee the Legionella control plan</p> <p>Relevant staff have been provided with instruction and training on legionella control</p>				

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Legionella bacteria		Pontiac fever Legionnaires disease (potentially fatal form of pneumonia)	H	Records kept of all checks and tests and reviewed to ensure Legionella control plan is effective All test and inspection records are kept for 5 years				

If there is one or more **High Risk (H)** actions needed, then the risk of injury could be high and immediate action should be taken.
Medium Risk (M) actions should be dealt with as soon as possible. **Low Risk (L)** actions should be dealt with as soon as practicable.

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Risk Assessment carried out by: _____ **Date:** / /

Reference

For further information and guidance on Legionella - refer to the 'National Guidelines for the Control of Legionellosis in Ireland, 2009 - published by the Health Protection Surveillance Centre web site; <http://www.hpsc.ie/hpsc/A-Z/Respiratory/Legionellosis/Publications>