

General School Risk - No.33 Legionella (List additional hazards, risks and controls particular to your school using the blank template no.55)

Hazards	Is the hazard present? Y/N	What is the risk?	Risk rating H = High M = Medium L = Low	Controls (When all controls are in place risk will be reduced)	Is this control in place?	Action/to do list/outstanding controls *Risk rating applies to outstanding controls outlined in this column	Person responsible	Signature and date when action completed
Legionella bacteria		Pontiac fever	H	Competent person with relevant skills, knowledge and experience identified to conduct site specific risk assessment				
		Legionnaires disease (potentially fatal form of pneumonia)	H	<p>Sources of possible risk of Legionella identified from work activities and water systems at the workplace. To consider:</p> <ul style="list-style-type: none"> • Potential for Legionella growth • 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. Cooling towers, hot and cold water systems, evaporative controllers • Cold water tank fitted with cover and insect screens and located in a cool place protected from extreme temperatures. • Piping insulated and kept clear of heat sources • Cold tanks flushed regularly during term due to school usage • Cold water tanks flushed periodically during holidays and fully flushed in advance of start of new term 				

General School - No.33 Legionella cont'd. (List additional hazards, risks and controls particular to your school using the blank template no.55)

Hazards	Is the hazard present? Y/N	What is the risk?	Risk rating H = High M = Medium L = Low	Controls (When all controls are in place risk will be reduced)	Is this control in place?	Action/to do list/outstanding controls *Risk rating applies to outstanding controls outlined in this column	Person responsible	Signature and date when action completed
Legionella bacteria			H	Procedure(s) in place to prevent and control risk from Legionella (Legionella control plan) - see further information below				
			H	Competent 'Responsible person' identified to oversee the Legionella control plan				
			H	Records kept and reviewed to ensure Legionella control plan is effective				

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.

Further information on control measures for Legionella risks: 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. Piping insulated and kept away from heat sources. Cold water storage holds enough for a days use only and has no build up of scale or sludge. Hot water distribution pipes insulated. Biocide treatments can be used for cooling towers. Hot water should be stored above 60°C and distributed at above 50°C. Cold water should be kept below 20°C. Water storage tanks are cleaned and disinfected every 6 months. Shower heads cleaned and disinfected quarterly. There are arrangements in place for little used outlets to either: Flush showers/taps/emergency showers and all other sources arising through on at least a weekly basis (with records kept of this) or carry out a safe purge of stagnant water before use.

Risk Assessment carried out by: _____ Date: / /

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>