

ISP011

Management of Legionella Bacteria in Hot and Cold Water Systems

Duration	2 days
Target group	Personnel carrying out (or managing) legionella control measures in hot and cold water systems. The course is designed to give a blend of technical and legal knowledge necessary for the role. The course is targeted at maintenance staff, plumbers, water hygiene technicians, risk assessors commissioning engineers and managers. The course is City & Guilds Assured and comes with certification, for those successful in assessment.
Prerequisites	I Preferable: Legionella Awareness Training / Experience working on hot and cold water systems
Objective	Understand the legionella risks present within hot and cold water system, how to identify them and the necessary controls to eliminate or reduce them. Course material is wholly focused on HSG274 Part 2 Second Edition.
Contents	<p>Contents</p> <ul style="list-style-type: none">• Legionellosis refresher• Introduction and explanation of different types of hot and cold water systems• Cistern compliance• Flow throughout for cold water systems• Thermal gain to cold water storage systems• Hot water heating methods• Achieving hot water temperature control• Expansion vessels• Thermostatic mixing valves• Dead-ends / deadlegs• Backflow awareness• Monitoring / inspection / maintenance• Management pathway• Risk assessment and schematic drawings• WRAS / Water Supply (Water Fittings) Regulations 1999 Awareness• Commissioning / mothballing• Record keeping
Exam	<p>Single multiple choice question, open book assessment</p> <p>Pass rate: 15/20 questions correct</p> <p>Re-sit Question for those achieving 14/20 on the day</p>