ISP015

Legionella Risk Assessment of Hot and Cold Water Systems

Duration	2 days
Target group	Personnel carrying out (or managing) legionella risk assessments of hot and cold water systems
Prerequisites	Preferable: Legionella Awareness Training / Experience working on hot and cold water systems or conducting / managing risk assessments.
Objective	This course has been designed to introduce learners to legionella risk assessment by explaining hot and cold water systems, but mostly the procedure to risk assess them. The course does cover requirements of BS8580-1:2019
Contents	•Name relevant legislation and indicate where it sits legally. •State key personnel within the management structure including their role, their legal obligation and advise on who should fulfil the role. •Identify low risk situations and simple controls measures that can help manage the risk. •Explain when risk assessments require review. •State simple yet proportionate control measures for very low risk situations i.e. housing type units for private residential landlords. •Define what skills make a risk assessor more competent and describe some measures to drive this. •Name and relate to their settings, factors that might affect independent risk assessment. •List information to confirm as part of agreeing the terms of reference and give examples of how it might impact the assessment. •State tools and equipment needed for the assessment. •Describe the different types of hot and cold water systems, how they work, the risks they offer and develop a technique for working out configurations. •Carry out an inspection of differing types of storage vessels. •Describe some of the inspection/monitoring/maintenance requirements for legionella control within hot and cold water systems and articulate them to when they are needed. •Show how to identify a hazard and assess the level of risk arising. •Write a suitable recommendation for any remediation needed. •Complete a risk rating system of their own and define key characteristics. •Describe some ‘general areas’ to consider with regards to assessing risk / rating systems. •Confirm and expand upon key areas to assess within documentation, with regards to: -Maintenance and testing records; -Management responsibilities; -Training and competency records; -Safe operation of the system; -Monitoring and inspection records. •Identify factors to address within the report itself, through appraising an existing risk assessment. •Draw and describe requirements for schematic diagrams. •Name core elements to assess when carrying out the inspection, what

	measurements should be taken and when to recommend sampling for legionella.
Exam	Single multiple choice question, open book assessment Pass rate: 15/20 questions correct Re-sit Question for those achieving 14/20 on the day