

COURSE CONTENT OVERVIEW

# Legionella And Legionnaires' Disease Awareness

Legionella bacteria can cause serious harm to people's health if they are not carefully controlled and monitored. The bacteria are most prevalent in man-made water systems, putting responsibilities on all premises owners, landlords and managers who have a water system on site.

This Legionella and Legionnaires' Disease Awareness course helps learners to understand more about the health risks caused by Legionella so that a suitable risk assessment can be carried out and the appropriate control measures can be implemented.

#### **Module One: What is Legionella?**

This module looks at what Legionella actually is, explaining where it comes from and how it can affect people's health.

- What is Legionella?
- Where does Legionella come from?
- How do people get legionnaires' disease?
- Who is most at risk?
- Symptoms of legionnaires' disease
- Treatment of legionnaires' disease
- A case study

#### **Module Two: Legal Responsibilities**

This module outlines the legal responsibilities of the dutyholder to ensure that everyone within the premises is protected from the risks created by Legionella and to ensure that the water system is being operated and maintained in accordance with the law.

- Health and safety legislation
- COSHH Regulations
- Notification Regulations
- RIDDOR
- Landlord responsibilities
- Employee responsibilities
- Designers, manufacturers, importers, suppliers and installers
- HSE Approved Code of Practice L8

#### **Module Three: Hazardous Environments**

This module provides an overview of the most common locations of Legionella bacteria so that the hazards can easily be identified when carrying out the risk assessment process.

- Where is Legionella found?
- What is a water system?
- Assessing the risks
- Cooling systems
- Hot and cold water systems
- Spa pools
- Other risk systems
- Main risk factors

#### **Module Four: Legionella Risk Assessment**

This module details each of the essential steps in the risk assessment process, looking at what needs to be considered at each stage so that you understand what is required for a risk assessment of your own premises.

- What is a risk assessment?
- Competence
- Identify the hazards
- Schematic diagrams
- Decide who might be harmed and how
- Consulting employees
- Evaluate the risks and implement controls
- Record your findings
- Review and update the assessment

#### **Module Five: Controlling the Risks**

This module looks at some of the potential Legionella control measures that can be implemented so that you have an awareness of the options available and can decide which controls best apply to your premises.

- Dutyholder responsibilities
- Training, instruction and communication
- Employee responsibilities
- The written scheme for controlling risks
- Key precautions
- Operation of the water system
- Monitoring and inspection
- Monitoring bacteria numbers
- Testing water quality
- Cleaning and disinfecting water systems
- Controlling water systems in residential settings
- Avoiding stagnation in residential settings

## Aims of the training

By the end of this course learners will:

- Understand where Legionella bacteria come from, how people develop legionnaires' disease and how it affects their health.
- Understand their legal responsibilities in regards to preventing and monitoring Legionella.
- Have knowledge of the environments where Legionella bacteria are commonly found.
- Know how to carry out a risk assessment to identify and control the hazards.
- Have an awareness of the control measures that can be used to reduce the risks from Legionella.
- Understand the importance of continually monitoring, reviewing and updating the Legionella control measures.