

## LEGIONELLA TRAINING

Anyone who controls a business or a building where water is used or stored for any purpose must understand and comply with the Health and Safety Commission's L8 Legionnaires' Disease: *The Control of Legionella Bacteria in Water Systems* where paragraph 40 states that those involved in Legionella management 'should have such ability, experience, instruction, information, training and resources as to allow them to carry out their tasks'.

Envex are a totally independent consultancy with over 20 years experience and consultancy on legionella. Envex have no connections or affiliations with manufacturers, suppliers or water hygiene contractors.

Envex has been successfully running legionella training courses for Croner Training, West Berkshire District Council, The AA, Reliance, Hyelm Housing Association, and many other organisations.

**"An excellent days training, informative and user-friendly."**

*Carolyn Mallard, London Borough of Camden*

**"An excellent and enlightening event presented in a most competent and professional manner."**

*John Marchant, Ousedale School*

**"Well presented, easy to follow, friendly, approachable speakers."**

*Peter Faurbrace, Teacher Training Agency*

**"Extremely informative and in a way that was understanding" and "An excellent course and perfectly presented"**

*Dimitri Venuti, Building Manager, Certainty Group Total Facilities Management, London*

**"Lots to do, but significantly improved understanding of the issues" and "Very good, informative day. Made a potentially dry subject interesting"**

*Kevin Keil, Operations Director, Certainty Group Total Facilities Management, London*

**"The course was well set out and paced, delivered light heartedly"**

*M & E, Reliance Integrated Services Ltd*

**"Good course, good presenter"**

*HSEQ, Reliance Integrated Services Ltd*

**"Excellent presentation, just about the right level and duration"**

*Safety Advisor, West Berkshire District Council*

**See below for Responsible Person and Legionella Awareness Course details**

## Option 1 - Legionella Responsible Person Training

### Introduction

Employers and those who control premises with any type of hot/cold water services must identify and assess sources of risk; prepare a scheme for preventing or controlling the risk; implement, manage and monitor precautions; keep records and appoint a person who is managerially responsible. This is all laid out to comply with the Health and Safety at Work Act, 1974 in the Health and Safety Commission's ACoP L8 Legionnaires' Disease: The Control of legionella bacteria in Water Systems.

A responsible person with sufficient knowledge and experience of the system should be nominated to manage the control scheme effectively. The responsible person also ensures that work carried out by contractors (water treatment or other work) is to the required standards. If several people are made responsible persons, for example to cover shift-work patterns, everyone must know what they are responsible for and how they fit into the overall management of the system.

*The L8 ACoP sets out legislative obligations and states that those involved in legionella management: 'should have such ability, experience, instruction, information, training and resources as to allow them to carry out their tasks'. Successful completion of this course the delegate can be regarded as a competent person.*

The course is accredited by Envex – certificates can be provided.

### Who is this course for?

Suitable for those appointed to carry out the control measures and strategies and requiring training to a standard which ensures that tasks are carried out in a safe, technically competent manner.

Local authorities, universities, schools; military installations, housing associations, property companies, charities, hostels, landlords renting in the private sector, managing agents; hoteliers, bed & breakfast, guest houses, holiday camp owners, caravan, camping, site owners, cruise ships.

### Aims

To provide the delegate with:

- Necessary knowledge, information and training to personnel enabling them to be competent in the managing the risk on legionella.
- To use case studies to highlight problem areas and consolidate learning.

### Learning Objectives

On completion of the training programme the delegate will be able to:

- Understand where duties and responsibilities are as set out in the ACoP L8
- Review the types of water systems and their potential for legionella
- Describe the conditions required to allow legionella to proliferate within a water system
- Understand how to quantify risk and the importance of identifying people who may be more affected by legionella and those who could be more vulnerable
- How to plan, record and report on risk assessments
- Recommend suitable controls to eliminate/control risks
- Know how to monitor and review the assessments

## **Who should attend?**

- Personnel designated as the responsible person for the management of water systems
- Managers overseeing water hygiene contractors
- Maintenance personnel and health and safety personnel looking to become competent in legionella control
- Facilities Managers

## **Programme Outline**

Facts about legionella and Legionnaires' disease

Understanding ACoP L8 The control of legionella bacteria in water systems and the legal framework for control

The impact of failing to conform

Planning for risk assessment – considerations for approach, practical issues and choosing a protocol for getting risk assessments done

An overview of the risk factors for 'at risk' systems including: Domestic (Hot and Cold) water systems; Cooling towers & heating, ventilation and air conditioning (HVAC) equipment; Other water systems (showers, spas, jacuzzis, fountains, humidifiers)

What a written scheme should include with examples for at risk systems

Record keeping, monitoring and management of the systems after the risk assessment

Selection, management and control of contractors

Having a policy and what it should include

Taking action and options

Closing the loop – an overview

Practical element to the course is to complete a case study exercise designed to consider interpret risk levels based on collected data and then consider your control options

## **Course Duration**

**1 Day**

## Option 2 - Legionella Awareness Training

### Introduction

Awareness of legionella and the potentially serious effects of Legionnaires' disease have grown in recent years, often fuelled by the publicity from the major outbreaks, which have led to prosecutions under the Health & Safety at Work Act. For organisations of all types, it has become more important that individuals understand their legal duties and the serious consequences of a failure to comply with the law.

*The L8 ACoP sets out legislative obligations and states that those involved in legionella management: 'should have such ability, experience, instruction, information, training and resources as to allow them to carry out their tasks'.*

### Who is this course for?

Those who have need to have an awareness on legionella and an understanding of how to control legionella in water systems.

Those who want an appreciation of the impact of when things go wrong due to legionella and how to prevent this occurring.

The course is accredited by Envex – certificates can be provided.

### Aims

The aim of this course is to develop delegates' awareness of the risks of exposure to legionella, how exposure may occur and to provide practical guidance on implementing elements of a typical written scheme that most building occupants would consider undertaking themselves.

### Learning Objectives

On completion of the training, delegates will be aware of:

- Legionella, exposure and the main consequences
  - The main requirements of the Approved Code of Practice (ACoP) L8 and the importance of compliance
  - The principles of risk control from design to ongoing management with a detailed focus on hot and cold water systems
  - Making sure it all works – contractor oversight, log books and reviews
- (other elements can be included on request e.g. if staff intend to do temperature monitoring).

### Who should attend?

Technical and maintenance staff, building and facilities managers, service engineers with responsibility for the control of legionella.

## **Programme Outline**

What is legionella?

How did Legionnaires' disease come about?

Target groups most likely to be affected by an outbreak

Understanding the relevance of Health and Safety at Work etc Act 1974, the Control of Substances Hazardous to Health Regulations 1999 (COSHH) and the Management of Health and Safety at Work Regulations 2002

An introduction to the Health and Safety Commissions Approved Code of Practice and Guidance L8 Legionnaires' Disease: Control of legionella bacteria in water systems and understanding its importance

How risks from exposure to legionella should be managed and controlled. An overview of all elements of good management from design to installation to the written scheme for 'typical' systems as set out in the ACOP. Includes the risk management process from risk assessment, remedial works, treatment, control, monitoring; cleaning and disinfection, and auditing. There is a practical focus on hot and cold water systems (other systems can be included on request).

## **Course Duration**

**3-4 Hours**