

## City and Guilds Legionella Training: Awareness (HXT01)

**This course is designed for learners who work in environments where legionella proliferation and exposure to aerosols is a risk.**

**It aims to raise awareness in order to prevent water borne diseases caused by legionella bacteria.**

### **Is this the right course for you?**

- This course has been designed for those involved in water system hygiene control (whatever their input) or users of water systems that can become exposed to aerosol created from them. It aims to introduce key aspects behind legionella bacteria control at an entry level.
- This course also acts as an effective refresher for those that have already completed Legionella training

### **Anticipated benefits of attending (Learning Outcomes)**

Develop or reinforce knowledge of

1. Legionella bacteria, how the bacteria become a risk to humans and the health implications.
2. How the Legionella Approved Code of Practice can support the management of Legionella bacteria.
3. How to control the risks of Legionella bacteria.

### **Anticipated benefits of attending (for the employer)**

- Up-to-date knowledge and vigilance to guard against an outbreak of Legionnaires Disease.

**What you will learn**

| <b>Training Content to be covered (The learner will)</b>   | <b>Assessment Criteria (The learner can)</b>   | <b>Covered in Session (Learning Outcomes)</b> |
|--|--|---|
| 1. Know how legionella bacteria enter water systems and how we may contract legionnaires' disease. | <ul style="list-style-type: none"> <li>1.1 Identify the conditions that allow Legionella bacteria to proliferate in water systems</li> </ul>     | <b>1</b>                                      |
| 2. Understand legionella bacteria.   | <ul style="list-style-type: none"> <li>2.1 Identify the illnesses caused by legionella bacteria</li> </ul>                                       | <b>1</b>                                      |
| 3. Know legionella illnesses / symptoms / susceptibility.  | <ul style="list-style-type: none"> <li>3.1 Identify groups of people considered more susceptible.</li> </ul>                                     | <b>1</b>                                      |
| 4. Know routes of transmission.  | <ul style="list-style-type: none"> <li>4.1 Describe differing ways legionella bacteria can enter the lung.</li> </ul>                            | <b>1</b>                                      |
| 5. Understand pneumonia and legionella's impact within the lung.                                   |  | <b>1</b>                                      |
| 6. Know conditions that legionella favour for proliferation.                                       | <ul style="list-style-type: none"> <li>6.1 Define biofilm.</li> <li>6.2 Identify materials suitable to line cold water cisterns.</li> </ul>      | <b>1</b>                                      |
| 7. Understand aerosol generation.  |  | <b>1</b>                                      |
| 8. Know the basics behind ACOP L8 and HSG 274.   | <ul style="list-style-type: none"> <li>8.1 Know what ACOP L8 and HSG 274 stands for and its recommendations</li> </ul>                           | <b>2</b>                                      |
| 9. Know the importance of the management pathway.  | <ul style="list-style-type: none"> <li>9.1 Describe the stages involved in the implementation of a management pathway.</li> </ul>                | <b>2</b>                                      |
| 10. Know the basics behind legionella risk assessment.   | <ul style="list-style-type: none"> <li>10.1 Describe the circumstances that should lead to a review of the risk assessment.</li> </ul>           | <b>3</b>                                      |
| 11. Know the importance of the written scheme.   | <ul style="list-style-type: none"> <li>11.1 Specify what a written scheme is.</li> </ul>   | <b>3</b>                                      |
| 12. Know the systems that represent a reasonably foreseeable risk.                                 | <ul style="list-style-type: none"> <li>12.1 Identify (at an introductory level) the functions of cooling systems and associated risk.</li> </ul> | <b>3</b>                                      |
| 13. Know inspection / monitoring of hot and cold-water systems.                                    | <ul style="list-style-type: none"> <li>13.1 Identify the recommended HSE temperatures for hot &amp; cold-water systems.</li> </ul>               | <b>3</b>                                      |

### **What certification will you achieve?**

- Successful candidates will achieve a City and Guilds certificate in Legionella Awareness. The certificate of competence should be refreshed every 2 years.

### **How is this course delivered?**

- Learning will come in a classroom environment in the form of trainer explanation, group discussions, videos, practical classroom exercises and will be broken up with breakout sessions. Assessment of learning will be a multiple choice delivered electronically

### **Do you need to bring anything with you?**

- Photographic ID with name and date of birth.
- All course material will be provided by the trainer.

### **Delegates undertaking this course might also consider:**

- City and Guilds Legionella Training: Role of The Responsible Person for Hot & Cold-Water Systems (HXT-02)
- City and Guilds Legionella Training: Role of the Responsible Person for Hot & Cold Water & Cooling Systems (HXT-03)
- City and Guilds Legionella Training: Control of Hot & Cold-Water Systems (HXT-04)
- City and Guilds Legionella Training: Control of Health Care Systems (HTM/SHTM) (HXT-05)
- City and Guilds Legionella Training: Risk Assessing for Landlords & Letting Agents (HXT-08)

### **Duration**

This is a 1-day course commencing at 10:00 hours, ending at no later than 17:00 hours, with a 60-minute Lunch break.