



## LEGIONELLA RISK ASSESSING OF HOT & COLD WATER SYSTEMS

ON-SITE

2 DAY OPEN CLASSROOM

### TRAINING OVERVIEW

This course is designed individuals with the responsibility for undertaking a legionella risk assessment, or for ensuring one is carried out. You must have a good knowledge of legionnaires disease and how domestic hot and cold-water supply systems operate. Upon the success completion of the course and assessment, you will be deemed to have a good understanding of the core subject.

### COURSE AIMS

- Covering risk assessments requirements of the ACOP L8 and HSG 274 Part 2
- Risk assessment procedures in relation to the BS8580
- The written scheme, preparation and scope
- Determining Risk
- Appraisal of:
  - Management / Safe Design / Operation
  - Maintenance / Monitoring / Inspection
  - Systems Survey
- Identification of areas within hot and cold-water systems where legionella bacteria may proliferate
- Preparation and writing a basic legionella risk assessment report
- Modification of water systems to eliminate/reduce the risk of legionellosis
- Legionella Sampling Techniques
- The water supply (Water Fittings) Regulation / Byelaws

### DURATION

2-day course classroom based commencing at 10:00 hours, ending at no later than 16:30 hours, with a 60-minute lunch break.

HXT-W06

SOLIHULL

SLOUGH

SHEFFIELD

**BOOK ONLINE TODAY**

Or speak to a member of our sales team



## LEARNING OUTCOMES

Develop or reinforce knowledge of:

1. The learner will leave with an understanding of statutory legislation relating to the course subject.
2. The learner will gain knowledge of non-statutory legislation relating to the course subject  
Delegates on this course will gain an understanding of the preparation requirements of the risk assessment process  
Learners will gain an understanding of the legionella bacteria as a pathogen
3. The learner will gain an understanding of the requirements relating to the site survey of hot and cold water supply systems
4. Delegates will receive an understanding of the issues surrounding hot and cold-water systems within residential accommodation
5. Learners will also gain knowledge of temperature guidance for hot and cold water supply systems.
6. Delegates will leave with an understanding of biological sampling techniques  
Learners will gain an understanding of POU filtration techniques  
The learner will get an understanding of water safety groups

Training Content to be covered (The learner will)	Assessment Criteria (The learner can)
1. Legionella bacteria, the law, and the guidance.	<ul style="list-style-type: none"> <li>• 1.1 Identify ideal conditions for legionella proliferation and effect on human health. Identify key legislative and guidance documents.</li> </ul>
2. Preparation for risk assessment	<ul style="list-style-type: none"> <li>• 2.1 Identify expectations relating to:</li> <li>• The competency of the risk assessor.</li> <li>• The terms of reference.</li> <li>• Desktop appraisal of current scheme of control.</li> </ul>
3. Desktop Appraisal	<ul style="list-style-type: none"> <li>• 3.1 Looking at the paperwork, what should be included in the previous risk assessment and written scheme.</li> </ul>
4. Site Survey – Cold Water Storage 4 Site Survey – Hot Water Storage Site Survey – Return Loops Site Survey – Down Services Site Survey – Expansion Vessels Site Survey – Thermostatic Mixing Valves Site Survey – Pout of use filtration Site Survey – Sampling	<ul style="list-style-type: none"> <li>• 4.1 How to prepare for the site survey, what tools are needed, whether schematics are required, factors to consider and fundamentals of design. Understanding what to look for in a variety of systems and what common issues can be identified that might lead to increased risk. Identify areas within water systems where legionella bacteria can multiply.</li> </ul>
5. Evaluation of Risk	<ul style="list-style-type: none"> <li>• 5.1 Understanding of hazards and risk and evaluating them clearly for the client to understand their level of inherent risk, actual risk and residual risk.</li> </ul>
6. Risk Assessment Reporting	<ul style="list-style-type: none"> <li>• 6.1 Reporting the findings of the risk assessment to the client.</li> </ul>



# Hydro-X Training

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## WHAT CERTIFICATION WILL YOU ACHIEVE?

On successful completion of this Risk Assessing for Hot and Cold Systems Training Course, you will receive a City and Guilds Accredited Programme Certificate.

Paper copies of certificates can be supplied subject to a small administration fee.

This will need renewing every 2 years.

## HOW IS THIS COURSE DELIVERED?

Learning will be delivered 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 by paper. This assessment will also include questions on hot and cold water systems and legionella bacteria.

## DO YOU NEED TO BRING ANYTHING WITH YOU?


- Photographic ID
- The course trainer will provide everything else for the course
- Proof of certification: W02 Legionella Responsible Person or equivalent



## RELATED COURSES

Delegates undertaking this course may also be interested in the following City & Guilds accredited training courses:

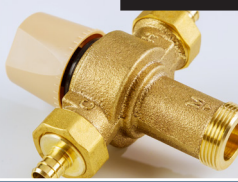
**HXT-W13**



**ON-SITE** **LIVE WEB-CONFERENCE**  
**OPEN CLASSROOM**

**TMV INSTALLATION, COMMISSIONING & MAINTENANCE FOR HEALTHCARE HTM**  
1 Day (Open Classroom)

**HXT-W14**



**ON-SITE** **LIVE WEB-CONFERENCE**  
**OPEN CLASSROOM**

**TMV INSTALLATION, COMMISSIONING & MAINTENANCE**  
1 Day (Open Classroom)  
3.5 Hours (Live Web-Conference)

**HXT-W04**



**ON-SITE** **LIVE WEB-CONFERENCE**  
**OPEN CLASSROOM**

**LEGIONELLA OPERATIVE**  
1 Day (Open Classroom)  
4 Hours (Live Web-Conference)


**HXT-W05**



**ON-SITE** **LIVE WEB-CONFERENCE**  
**OPEN CLASSROOM**

**MANAGEMENT OF WATER SYSTEMS IN HEALTHCARE ESTATES HTM**  
2 Days (Open Classroom)  
6 Hours (Live Web-Conference)

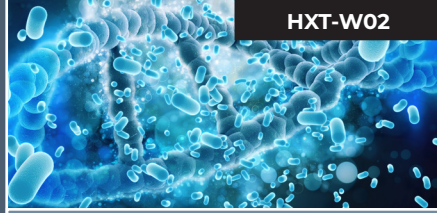
**IOSH-MS**



**ON-SITE** **LIVE WEB-CONFERENCE**  
**OPEN CLASSROOM**

**IOSH MANAGING SAFELY**  
3 Days (Open Classroom)  
3 Days (Live Web-Conference)

**HXT-W02**



**ON-SITE** **LIVE WEB-CONFERENCE**  
**OPEN CLASSROOM**

**LEGIONELLA RESPONSIBLE PERSON**  
1 Day (Open Classroom)  
3.5 Hours (Live Web-Conference)