MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

WHS LEGIONELLA AWARENESS

“Safeguard health by identifying and managing Legionella risks in water systems.”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

► **Available delivery methods:** In-House Training

Introduction

Legionella bacteria, the cause of Legionnaires\' disease, pose a serious health risk in various workplace environments—especially those involving cooling towers, hot water systems, and plumbing infrastructure. This awareness course is designed to help participants understand the risks associated with Legionella, its sources, how infections occur, and the critical WHS compliance responsibilities for prevention and control.

Objectives

By the end of this course, participants will be able to:

- Explain what Legionella is and how it can affect human health
- Identify high-risk systems and environments for Legionella growth
- Understand how Legionella bacteria is transmitted in workplaces
- Apply control measures and maintenance procedures to minimize risk
- Recognize relevant WHS and public health legislation and standards
- Respond to suspected outbreaks or incidents responsibly and legally

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Why Attend

Whether you\'re managing a facility, maintaining HVAC systems, or working in water treatment, understanding Legionella is essential for health protection and legal compliance. This course helps organizations prevent costly outbreaks, workplace illness, and reputational damage.

Target Audience

- Facilities and building managers
- WHS and HSE professionals
- HVAC and plumbing technicians
- Water treatment specialists
- Maintenance personnel
- Hospital and aged care workers

Individual Benefits

- Develop the competence to identify and report Legionella hazards
- Improve knowledge of personal responsibilities under WHS laws
- Contribute to a safer and healthier work environment
- Understand how to react if Legionella contamination is suspected

Organizational Benefits

- Improved regulatory compliance with health and safety standards
- Reduced risk of Legionella outbreaks and associated liabilities
- Enhanced facility reputation and operational continuity
- Fewer absences or incidents related to waterborne illness

Instructional Methodology

- Interactive presentations and expert-led discussions
- Real case studies and outbreak scenarios
- Risk identification exercises using sample schematics
- WHS compliance checklist activities
- End-of-course assessment for understanding validation

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Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

Training Hours: 7:30 AM – 3:30 PM

Daily Format: 3–4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to Legionella and Health Risks

Module 1: Overview of Legionella and Legionnaires\' Disease (07:30 – 09:30)

Module 2: History of Outbreaks & Public Health Impact (09:45 – 11:15)

Module 3: Symptoms, Transmission, and At-Risk Populations (11:30 – 01:00)

Module 4: Case Studies of Industrial/Facility-Based Outbreaks (02:00 – 03:30)

Day 2: Identifying and Assessing Legionella Risks

Module 1: Common Sources in Work Environments (07:30 – 09:30)

Module 2: HVAC Systems, Cooling Towers, and Hot/Cold Water (09:45 – 11:15)

Module 3: Water Testing, Monitoring, and Detection (11:30 – 01:00)

Module 4: Site Risk Assessment Practical (02:00 – 03:30)

Day 3: Legal and Regulatory Requirements

Module 1: WHS Obligations for Employers and Duty Holders (07:30 – 09:30)

Module 2: State and National Public Health Legislation (09:45 – 11:15)

Module 3: Australian Standards (AS/NZS) for Legionella Management (11:30 – 01:00)

Module 4: Licensing, Reporting, and Recordkeeping Requirements (02:00 – 03:30)

Day 4: Control Measures and System Maintenance

Module 1: Water Treatment, Chlorination, and Flushing (07:30 – 09:30)

Module 2: Design Considerations to Prevent Growth (09:45 – 11:15)

Module 3: Maintenance Schedules and Cleaning Procedures (11:30 – 01:00)

Module 4: Risk Control Plan Workshop (02:00 – 03:30)

Day 5: Response, Documentation, and Assessment

Module 1: Outbreak Management and Incident Response (07:30 – 09:30)

Module 2: Communication with Authorities and Staff (09:45 – 11:15)

Module 3: Final Knowledge Assessment (11:30 – 01:00)

Module 4: Course Wrap-Up, Feedback, and Certification (02:00 – 03:30)

Certification

Upon successful completion, participants will receive a **Certificate of Completion in WHS Legionella Awareness**, demonstrating foundational understanding in Legionella risk identification and control per health and safety legislation.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

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