



Level 2 Award in

Awareness of Legionella

Qualification Specification

Qualification Recognition Number: 601/8183/7

ABBE Qualification Code: AwardALL216

December 2017

Why this document is being revised

This document has been revised by ABBE in December 2017. A summary of the changes made to this document is, as follows:

- Total Qualification Time has been added: TQT 30

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1. ABBE - The Awarding Body for the Built Environment

1.1 Introduction

ABBE, the Awarding Body for the Built Environment is a forward thinking organisation that offers a range of apprenticeships, qualifications, benefits and support.

ABBE is regulated by Ofqual for the delivery of a range of qualifications. Our qualifications are nationally recognised helping learners to achieve their full potential and ambitions.

The full range of ABBE qualifications can be found on our website: www.abbeqa.co.uk.

1.2 Mission Statement

Our Values - Quality through Standards: Our aim is to provide a high quality experience by building a strong community of mutual support and trust. We can use our collective talents to build meaningful partnerships to help us all to achieve our goals. ABBE is a recognised Awarding Organisation with strong professional integrity.

Our Vision: Is that every learner is confident, successful and has the opportunity to achieve their full potential.

Our Mission: ABBE Educates, inspires and empowers learners

1.3 Qualification Specification

The aim of this specification is to provide learners and centres with information about the content of this qualification.

This specification is a live document and, as such, will be updated when required.

Additional qualification details are available for ABBE approved centres in the ABBE qualification handbook.

1.4 Enquiries

Any enquiries relating to this qualification should be addressed to:

Awarding Body for the Built Environment (ABBE)
Birmingham City University
iCentrum, 6 Holt Street
Birmingham
B7 4BP

Tel: 0121 331 5174

Email: abbeenquiries@bcu.ac.uk



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2. Qualification Information

2.1 Qualification Purpose

Instances of illness and death due to outbreaks of Legionnaires Disease, caused by legionella bacteria, have appeared on the news and in the press, which has raised public awareness to the risks of legionella bacteria.

A duty of care on employers has been imposed by UK legislation since the mid 1970's. Employers in the residential built environment such as those in control of premises, including landlords, are required to understand the health risks associated with legionella.

Duties under the Health and Safety at Work, etc. Act 1974 (HSWA) extend to risks from legionella bacteria, which may arise from work activities. The Management of Health and Safety at Work Regulations (MHSWR) provide a broad framework for controlling health and safety at work and more specifically, the Control of Substances Hazardous to Health Regulations 2002 (COSHH) provide a framework of duties designed to assess, prevent or control the risk from bacteria like legionella and take suitable precautions.

The aims of this qualification are to ensure that those who successfully achieve the qualification can demonstrate the necessary knowledge and understanding of the hazard caused by, and the risks to, personal health and safety from the legionella bacteria.

2.2 Who could take this Qualification?

All employers, or persons in control of premises, who are responsible for health and safety and need to take the correct precautions to reduce the risks of exposure to legionella bacteria.

2.3 Qualification Number

ABBE Level 2 Award in Awareness of Legionella: 601/8183/7

2.4 Qualification Level

This qualification has been listed on the Regulated Qualifications Framework (RQF) at: Level 2

2.5 Total Qualification Time

This qualification is allocated Total Qualification Time (TQT) this includes Guided Learning (GL) expressed in hours, which indicates the number of hours of supervised or directed study time and assessment. Credit has also be allocated to this qualification.

- The Total Qualification Time (TQT) for this qualification is: 30
- Guided Learning (GL) for this qualification is: 15
- Credit Value: 3 credits

2.6 Progression

This qualification has been designed to encourage participation in education and training in other related areas by:

- encouraging individuals with trades backgrounds to develop knowledge and understanding and to enhance development and promotion prospects
- enabling existing individuals who work, or wish to work, in this field to gain a recognised qualification and enhance their depth and breadth of knowledge



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- providing a route for new entrants into the industry to develop a discipline-focused qualification which can provide the foundation for enhanced learning and development
- attracting learners from outside the industry
- learners wishing to progress onto the ABBE Level 3 qualification in Legionella Risk Assessment for simple domestic style water systems

2.7 Age ranges

Pre 16	No
16-18	Yes
18+	Yes
19+	Yes

2.8 Structure of the Qualification

To achieve this qualification learners must achieve the one mandatory unit.

URN	Unit Name	Credit Value	Level
R/507/9533	Awareness of Legionella	3	2

2.9 Barred Units

Units with the same title at different levels or units with the same content cannot be combined in the same qualification.

2.10 Language

ABBE qualifications and assessment materials will be provided through the medium of English.

2.11 Grading

This qualification is: Pass/Fail

2.12 Pre-course Procedures

This qualification is available to anyone who is capable of reaching the required standards. They have been developed free from any barriers that unfairly restrict access or progression thereby promoting equal opportunities. There are no pre-entry requirements for this qualification.

2.13 Qualification Review Boards

Qualification Review Boards (QRBs) are set up for each qualification. The Boards are drawn from employers, centres, Higher Educational Institutes (HEIs) and others with a vested interest in the sector in which the qualification is used. The purpose of the QRB is to ensure that the content of the qualification and the proposed assessment methodology are fit for purpose and are appropriate to meet the requirements of the sector.

QRBs are ongoing and will be scheduled for specific points within the qualification lifetime; at the notional mid-point and again towards the review date of the qualification. During this process, the QRB will consider any feedback received on the performance of the qualification and will consider if the content, structure, purpose and assessment methodology remain appropriate to the needs of the sector. This will help to improve both our qualification and the specification.



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3. Qualification Unit(s)

Unit 1: Awareness of Legionella

Unit Reference Number: R/507/9533

Level: 2

Credit: 3

Unit Summary

To enable the learner to demonstrate their knowledge and understanding of an awareness of the legionella bacteria and the threat it poses to health. Learners will gain an understanding of legislation in relation to the management of the legionella bacteria and appropriate control measures.

Assessment Guidance

This unit can be assessed using the following method(s):

- Portfolio of evidence

Learning Outcome The learner will:	Assessment Criterion The learner can:
1. Know the health risks associated with legionella bacteria	1.1 Describe the optimum conditions required for legionella bacteria to grow
	1.2 Describe the methods of transmission of legionella bacteria
	1.3 Describe the methods of legionella infection
	1.4 Identify symptoms of Legionnaire's disease
	1.5 Identify groups of people most at risk to infection from legionella bacteria
2. Understand how legislation and Codes of Practice can support the management of legionella bacteria	2.1 Identify legislation and codes of practice relating to the management of legionella bacteria
	2.2 Outline the consequences of non-compliance with legislation and codes of practice relating to the management of legionella bacteria
3. Understand how to minimise the risks of legionella bacteria	3.1 Explain roles and responsibilities associated with the management of legionella bacteria
	3.2 Describe what should be included in a risk assessment for legionella bacteria



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	3.3 Identify health and safety issues that may be presented during a risk assessment for legionella bacteria
	3.4 Explain the importance of including a formal review in a risk assessment for legionella bacteria
4. Understand control methods used to reduce risk of infection from legionella bacteria in hot and cold water systems	<p>4.1 Identify components installed in typical hot and cold water systems</p> <p>4.2 Identify the hazards caused by hot and cold water system configurations</p> <p>4.3 Describe control measures to identify and reduce the risk of infection for:</p> <ul style="list-style-type: none"> • simple and complex hot and cold water systems • the movement of water • chemical contact with water





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