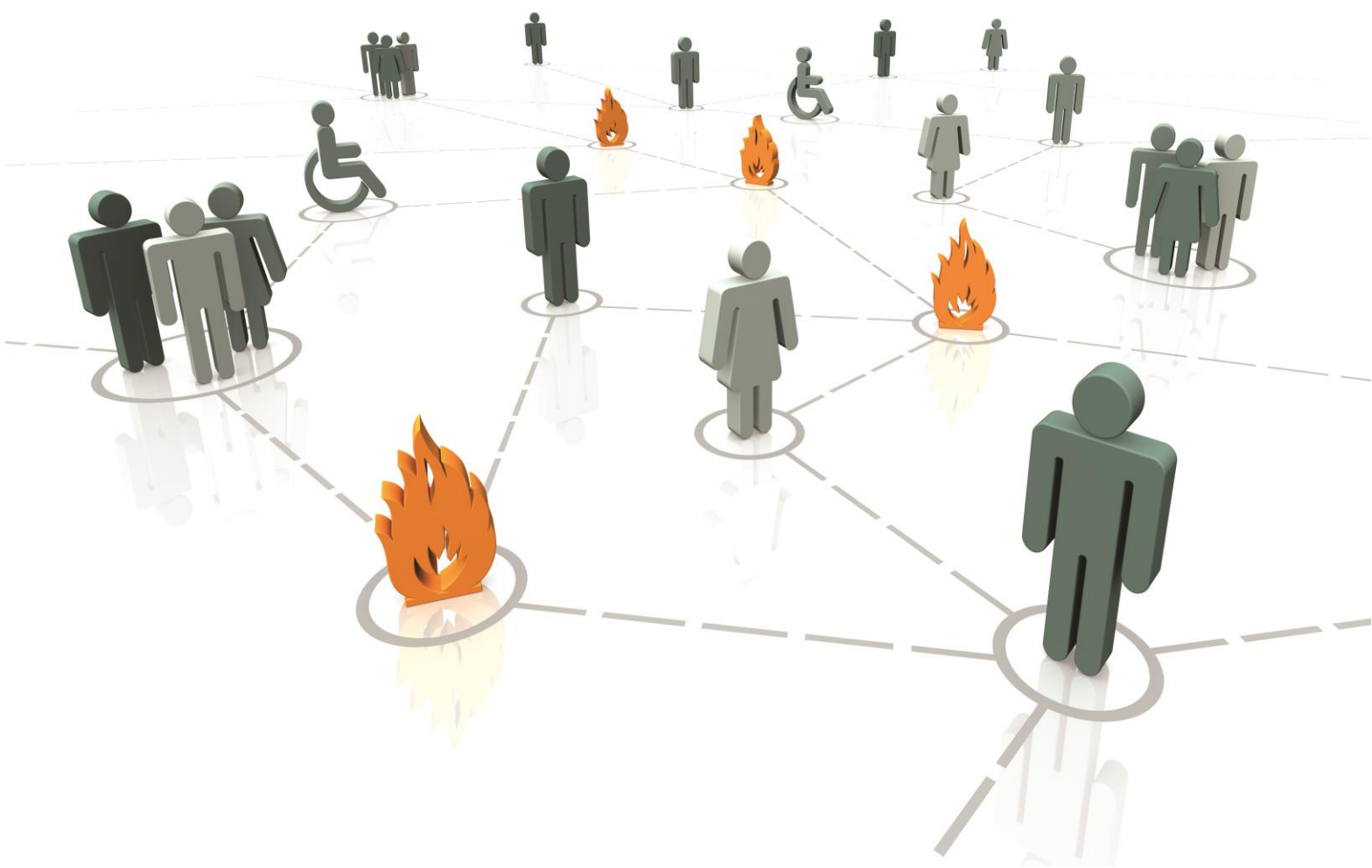


Level 2 Certificate in Fire Sprinkler Installation



Sprinkler installation courses and qualification



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1. Introduction

This document is designed to help individuals and organisations inform their training decisions by explaining qualification and course criteria and content, distance learning and workplace activity modules, costs and delivery methods.



1.1 Qualification: Level 2 Certificate in Fire Sprinkler Installation

This qualification, which is provided by awarding body Industry Qualifications is aimed at those employed or intending to be employed in the installation of fire sprinkler systems so they can meet industry standards. See Section 5 for more details.

1.2 Target audience

Individuals who install, or plan to install fire sprinkler systems.

1.3 Sprinkler standards

The following sprinkler standards apply to this qualification:

- a) Domestic and residential systems: BS 9251, BS EN 16925
- b) Commercial systems: BS EN 12845

1.4 Courses

See Section 2 for more details about the modules required to achieve this qualification.

1.4.1 Entry requirements

Delegates should:

- a) have ability to work at Level 2 or above
- b) be proficient in use of English Language

1.4.2 Delivery

Sessions will be delivered using:

- a) Distance learning modules
- b) Workplace activities
- c) Courses: PowerPoint presentations, flipchart explanation, group discussion, individual tuition, practical activities

1. Introduction

1.4.3 Course: Residential sprinkler installation

Please note that this course only includes the installation of residential and domestic sprinkler systems and does not cover commercial sprinkler systems.

1.5 Qualification scope

The qualification covers the following areas:

- a) Workplace health and safety
- b) Communication methods and workplace relationships
- c) Management of workplace resources
- d) Understanding of the fire sprinkler sector
- e) Installing systems, ensuring compliance and effective handover

1.6 Qualification units

The qualification consists of seven mandatory units. See section 5 for more details.

1.7 Course and qualification costs

See Section 3 for more details.

1.8 Skills card

Completing the Level 2 qualification, enables individuals, working in the sprinkler installation sector, to obtain an industry-recognised skills card via two providers:

1. [Skill Card](#)
2. [JIB \(Joint Industry Board\)](#)

1.9 Open course locations and dates

See Section 6 for location options.

1.10 Open course dates

See website link for [dates](#)

1.11 Booking

Use "[Book course](#)" icon on webpage for online booking.

1.12 Terms and conditions

Terms and conditions apply. Please follow our website [link](#) for a copy of our Terms and Conditions or contact us on courses@xact.org.uk to request a copy. All orders and bookings made will be subject to our terms and conditions.

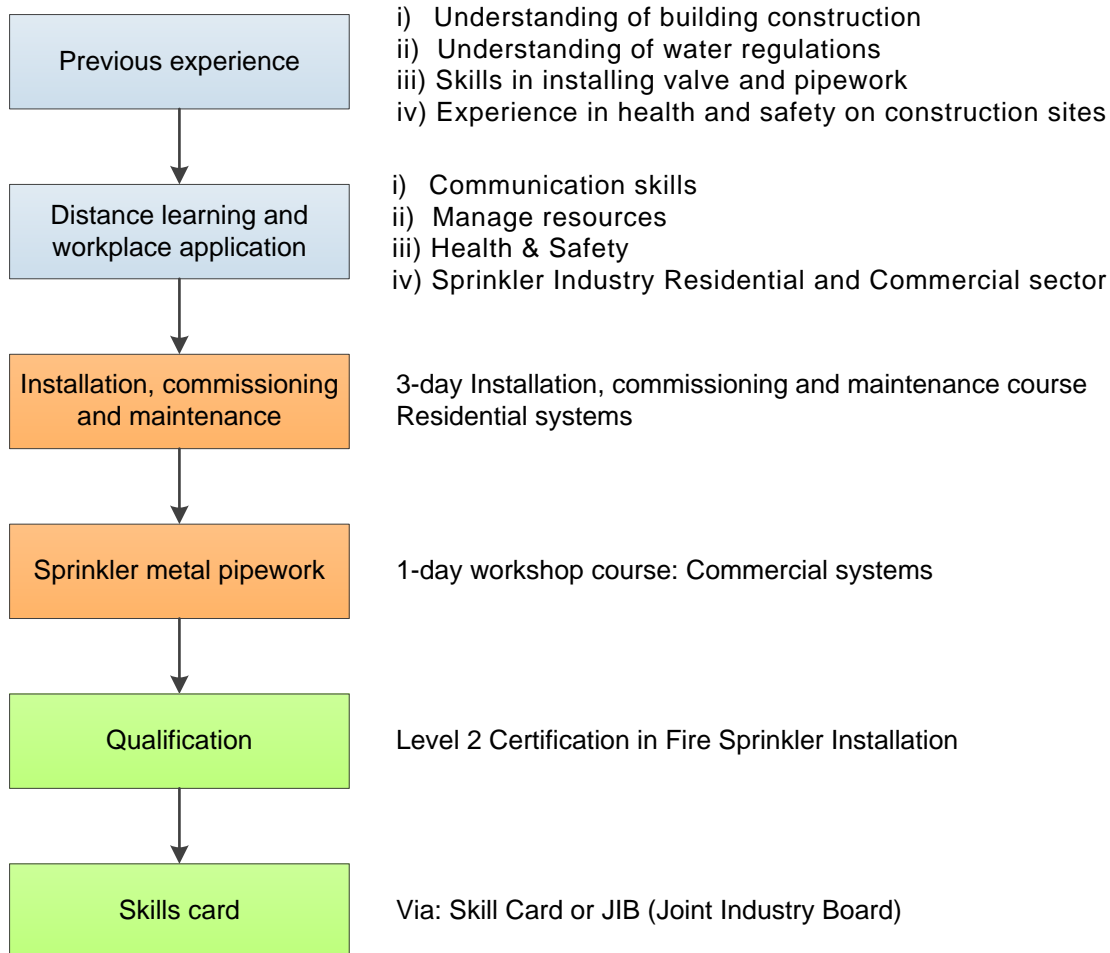
1. Introduction

1.13 Level 2 Certificate flowchart

The flowchart below illustrates the progression of activities from start to finish.

Level 2 Certificate in Fire Sprinkler Installation

Sprinkler installation



Notes

Note 1: Distance learning modules. See Section 2.1 for more details

Note 2: Workplace application. See Section 2.2 for more details

Note 3: Installation, commissioning and maintenance course. See Section 2.3 for more details

Note 4: Sprinkler metal pipework course. See Section 2.4 for more details

2.1 Distance learning modules

Introduction

Delegates are required to complete four distance learning modules online. See below for more details.

1. Distance learning: Communication skills

Topic areas:

- a) How to communicate effectively
- b) How to communicate with others in the workplace
- c) Relevant organisational procedures for communication and behaviour.
- d) Establishing positive working relationships
- e) Understanding relevant organisational procedures for communication and behaviour
- f) How to record and forward on information
- g) Providing relevant functional and technical information to appropriate persons

2. Distance learning: Manage resources

Topic areas:

- a) How to manage own resources
- b) How to create and use personal development plans

3. Distance learning: Health & Safety

Topic areas:

- a) Roles and responsibilities for health, safety and welfare in the workplace
- b) How risk assessments contribute to health and safety
- c) How to identify and control risks from common workplace hazards
- d) Procedures for responding to accidents and incidents at work

4. Distance learning: Sprinkler industry

Topic areas:

- a) Legislation and standards in the Fire Sprinkler Industry
- b) Aims of Fire Sprinkler Industry
- c) Importance of fire sprinkler development
- d) Areas involved in the sprinkler sector
- e) Understanding and responding to areas of non-compliance

2.1 Distance learning modules

Submission

Delegates must submit completed distance learning modules within four weeks of commencement.

Assessment

Assessment of course work is to the qualification assessment criteria.

Electronic submissions

All course work is submitted electronically through a secure portal on our website.

2.2 Workplace application

Introduction

Two workplace application modules cover the application of distance learning modules 1 and 2 from Section 2.1. See below for more details.

Evidence is collected for the two modules below from workplace activities which is supported by witness testament e.g. from a line manager.

1. Workplace application: Communication skills

- a) Communicate effectively
- b) Communicate with others in the workplace
- c) Establish and maintain positive working relationship
- d) Record and pass on information
- e) Provide relevant functional and technical information to the relevant person

2. Workplace application: Manage resources

- a) Manage own resources
- b) Create and use a personal development plan

2.3 Course: Residential sprinkler installation

Target Audience

Plumbing professionals, sprinkler engineers and installers, professionals responsible for inspecting and testing sprinkler systems. **Note:** Does not include commercial sprinkler systems

Aim

To enable delegates to install, commission and maintain residential and domestic sprinkler systems.

Core content

- Legislation, codes of practice and guidance documents
- Identifying occupancy category and requirements
- Principles of sprinkler system designs
- Requirements of installing systems:
 - Water supplies; towns mains, tanks and pumps
 - Sprinkler head types, suitability and positioning
 - Pipework and valve configuration
 - Frost protection options
 - Alarm and warning requirements and configuration
- System commissioning and maintenance requirements
- Certification and documentation
- Practical session: CPVC Blazemaster pipework

Duration

Three-days

Course assessment

Delegates will be assessed on their ability to install, commission and maintain residential sprinkler systems.

Prior learning

Delegates should be able to demonstrate:

- Understanding of building construction
- Understanding of water regulations
- Skills in installing valve and pipework
- Experience in health and safety on construction sites

2.4 Course: Sprinkler metal pipework

Target Audience

Sprinkler system installers.

Note: This course focuses on pipework utilised in commercial systems to BS EN 12845

Aim

To enable delegates to install metal sprinkler pipework under supervision.

Core content

- Commercial sprinkler standards
- Personal Protective equipment
- Installation tools
- Specialist tools for metal pipework e.g. threading machines and roll grooving machine
- Installing pipework to drawings including measuring, cutting and installing bracketry
- Handover of installation

Duration

One-day, conducted in location with workshop facilities.

Delivery

This course will be conducted in a workshop and involve using threading machines and roll grooving machine. It will include measuring, cutting and installing metal pipework from drawings

Course assessment

Delegates will be assessed to qualification assessment criteria

Prior learning

Delegates are required to have completed distance learning modules and 3-day course

3. Open course costs

3. Open course costs

Page	Activity	Duration	Open
6 - 8	2.1: Distance learning modules and 2.2: Workplace application	NA	210
9	2.3: Course: Residential sprinkler installation	3-days	695
10	2.4: Course: Sprinkler metal pipework	1-day	120

Qualification fees

Registration fee for Level 2 Certificate in Fire Sprinkler Installation.	45.00
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Notes:

Note 1: Open courses - cost includes teaching facilities, refreshments and lunch during teaching day. Additional charge for bed, breakfast and evening meal – see below.

Note 2: Course 2.3 is normally located at a conference Centres in, Stone, Staffordshire. See Section 6 for venue details.

Overnight accommodation with en-suite facilities is available at £60 for bed, breakfast and evening meal. **Note** Sunday night rate is £48 because it does not include an evening meal. Individuals can purchase meals from the restaurant if required.

Note 3: Course 2.4 is located at workshops in, Birmingham, Northamptonshire and Cambridge.

Note 4: VAT will be added at the current rate.

Note 5: Payment terms: Invoices must be paid in advance of commencement of activity.

4. Electronic Submissions

4. Electronic Submissions

Computer access

A computer connected to the internet is required to upload and access:

- a) Individual "User Account" information
- b) Course joining instructions
- c) Distance learning module
- d) Course guidance notes
- e) Course reference materials
- f) Submission portal for course work
- g) Assessment results and feedback

Delegates need the following resources to complete on-line processes:

- h) Computer with internet access
- i) Adobe reader software
- j) Access to a printer

Distance learning module

Distance learning workbook and reference material is provided online.

Post course

Delegates are required to submit their completed course work within four weeks of course completion via their "User profile" on Xact's website.

5. Qualification units

Level 2 Certificate in Fire Sprinkler Installation

See details of below of the seven mandatory qualification units:

Unit	Title	GLH	TQT	Learning outcome
1	Communicate effectively with others in the workplace	17	20	<ol style="list-style-type: none"> 1. Understand how to communicate with others in the workplace 2. Understand how to record and pass on information 3. Be able to communicate with others in the workplace 4. Be able to record and pass on information
2	Establish Effective Working Relationships	15	30	<ol style="list-style-type: none"> 1. Be able to communicate effectively 2. Be able to establish and maintain positive working relationship 3. Be able to understand relevant organisational procedures for communication and behaviour 4. Be able to provide relevant functional and technical information to the relevant person 5. Understand how to communicate effectively 6. Know about establishing positive working relationships 7. Know about relevant organisational procedures for communication and behaviour 8. Know how to provide relevant functional and technical information to the relevant person(s)
3	Manage own resources	20	20	<ol style="list-style-type: none"> 1. Understand how to manage own resources 2. Understand how to create and use personal development plans 3. Manage own resources 4. Create and use a personal development plan

5. Qualification units

4	Health and Safety in the Workplace	16	20	<ol style="list-style-type: none"> 1. Understand roles and responsibilities for health, safety and welfare in the workplace. 2. Understand how risk assessments contribute to health and safety. 3. Understand how to identify and control the risks from common workplace hazards. 4. Know the procedures for responding to accidents and incidents in the workplace.
5	Awareness of Regulations in the Fire Sprinkler Industry	41	70	<ol style="list-style-type: none"> 1. Understand legislation and standards in the Fire Sprinkler Industry 2. Be able to apply organisational compliance, policies and procedures with the Fire Sprinkler Industry 3. Understand organisational procedures for dealing with non-compliance within the Fire Sprinkler Industry
6	Fire sprinkler installation and handover	78	170	<ol style="list-style-type: none"> 1. Be able to conduct pre installation checks 2. Be able to prepare work environment for installation of sprinkler system 3. Be able to install pipework and associated components 4. Be able to identify faults after installation 5. Be able to understand limits of responsibility and authority to deal with problems within own role 6. Be able to complete handover procedure for completion of work
7	Understanding the Fire Sprinkler Industry	22	30	<ol style="list-style-type: none"> 1. Understand the aims and purposes of the Fire Sprinkler Industry 2. Understand the importance of development in Fire Sprinkler Industry 3. Understand the elements of the Fire Sprinkler Industry
Totals		209	360	

Notes

Note 1: GLH, Guided learning hours - Number of hours with specific guidance towards unit learning outcomes

Note 2: TQT: Total qualification time - An estimate of the number of hours a Learner will reasonably be likely to spend in preparation, study or any other form of participation in education, training and assessment.

6. Open course venues

6. Open course venues

Yarnfield Park Conference Centre

Reception: 01785 762605

Yarnfield, Stone, Staffordshire ST15 0NL

Free on-site parking

Booking enquiries: Xact Training

01386 277980 courses@xact.org.uk



Sedgebrook Hall Conference Centre

Reception: 01604 821666

Pitsford Rd, Chapel Brampton, Northampton NN6 8BD

Free on-site parking

Booking enquiries: Xact Training

01386 277980 courses@xact.org.uk



Each venues includes

Restaurant and cafeteria

Large screen TV in common area

Gym offering a range of cardiovascular and weight machines

A range of walks

Lounge and bar areas

Bedrooms:

Ensuite bathroom

Multi-channel TV

Free Wi-Fi

Tea/Coffee and Biscuits

Study desk

Hairdryer

Note: More venue details are provided on our website and in Joining Instructions.

7. Xact Consultancy and Training Limited

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VAT Registration No: 855 4570 04
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Insurance

Xact are insured for:

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