



Certificate in Residential Sprinkler System Design

LEVEL

3

This qualification is aimed at those who work, or intend to work, in a position where they are involved in producing quotations and designing residential sprinkler systems.



Total Qualification Time:
145 hrs

Qualification Number: 603/7249/7

Qualification Age: 18



Guided Learning (GL):
85 hrs

Availability: This qualification is regulated in
England and Wales

Operational From: 8 March 2021



Qualification Objectives

What does this qualification cover?

The objective of this qualification is to provide learners with the with the practical skills, technical knowledge and understanding to provide quotations and designs for residential sprinkler systems.

Who is the qualification for?

This qualification is aimed at those who work, or intend to work, in a position where they are involved in producing quotations and designing residential sprinkler systems.

It will also be appropriate for building control officers, approved inspectors, fire engineers, fire safety auditors, inspectors, fire risk assessors, insurance assessors, managers, surveyors, architects and fire safety professionals i.e. those who have the responsibility for specifying, auditing or regulating residential sprinkler systems.

Who supports this qualification?

The qualification has been developed in collaboration with organisations involved in the sprinkler sector such as third party certification bodies, professional bodies, designers, installers, service engineers and training providers.



Qualification Progression

What future education could this qualification lead to?

Learners could progress to existing fire safety qualifications.

What future employment could this qualification lead to?

This qualification creates opportunities for progression into employment in in a range of roles responsible for specifying, auditing or regulating residential sprinkler systems.



Qualification Achievement

What are the entry requirements for the qualification?

Prior to registration learners are required to be:

- accurately identified
- at least 18 years of age
- working in a role which will allow demonstration of skills

How is the qualification achieved?

The learner will need to complete 4 mandatory units. This will include building portfolio of evidence meeting the assessment criteria.

What will be assessed?

Portfolio of evidence.

How will it be assessed?

This qualification contains 4 mandatory units to be completed by the learner. Each unit is comprised of a number of learning outcomes and assessment criteria which must all be achieved.

Learning outcomes that begin 'The learner will understand...' will be assessed through theory-based activities.

Learning outcomes that begin 'The learner will be able to...' are assessed through practical activities.

For example:

Learning outcomes

The learner will...

1. Understand sprinkler system standards
2. Understand legislative and regulatory requirements relevant to sprinkler systems

Assessment criteria

The learner will...

- 1.1 Summarise sprinkler systems standards and how they are applied to buildings
- 1.2 Describe sprinkler system standards for residential premises
- 1.3 Describe sprinkler system standards for commercial premises
- 2.1 Identify legislation relevant to sprinkler system installations
- 2.2 Identify building undertaker requirements relevant to sprinkler system installations
- 2.3 Identify water regulation requirements relevant to sprinkler system installations



Qualification Delivery

What facilities and/or equipment are needed to deliver this qualification?

The approved centre is required to have:

- one or more delivery sites with facilities to support the programme of training and assessment
- equipment in place to facilitate the full programme of learning and assessment
- opportunities in the workplace for learners to carry out tasks/activities which allow them to generate evidence to meet assessment criteria.

What qualification materials support this qualification?

This qualification is supported by additional documents which must be read by all relevant personnel within approved centres approved to offer this qualification. These include:

- SFJ Awards Level 3 Certificate in Residential Sprinkler System Design Qualification Handbook, detailing unit specifications, learning outcomes and assessment criteria for the qualification
- SFJ Awards Centre Handbook
- SFJ Awards Assessment Guidance
- SFJ Awards Quality Assurance (Internal and External) Guidance

Our policies are available on the SFJ Awards website
<https://sfjawards.com/policies/>.

SFJ Awards also have template forms available to support assessors and internal quality assurers.

What workforce is needed to be able to deliver this qualification?

The approved centre is required to have a qualified and competent qualification workforce in place which includes as a minimum:

- Head of Centre
- Centre Coordinator
- Assessor(s) and Internal Quality Assurers (IQA) who:
 - Are occupationally knowledgeable in the sprinkler industry
 - Have current occupational competence in the sprinkler industry
- Assessors who are:
 - Qualified with a recognised assessor qualification, or
 - Working towards a recognised assessor qualification, or
 - Able to prove equivalent competence through training to appropriate national standards
- IQA(s) who are:
 - Qualified with a recognised IQA qualification, or
 - Working towards a recognised IQA qualification, or
 - Able to prove equivalent competence through training to appropriate national standards

How much does this qualification cost?

Qualification registration fees are available from SFJ Awards on request.

How to apply to deliver this qualification

SFJ Awards' approved centres should complete the Qualification Approval Form available from Odyssey or the Centre Resources section of the website:

www.sfjawards.com/centres/centre-resources

Other centres will need to become approved by SFJ Awards. For information and the centre application form please see our website:

www.sfjawards.com/centres/become-a-centre

For more information please contact SFJ Awards' Customer Support Team:

Tel: 0114 284 1970

Email: info@sfjawards.com

Website: www.sfjawards.com



Qualification Structure

Learners must successfully complete 4 mandatory units to achieve the qualification

| Unit title | Level | GL | Ofqual reference | Assessment method(s) |
|---|-------|----|------------------|-----------------------|
| Identify requirements for sprinkler systems | 3 | 15 | F/618/6703 | Portfolio of evidence |
| Identify requirements for designing residential sprinkler systems | 3 | 15 | J/618/6704 | |
| Design residential sprinkler systems | 3 | 40 | L/618/6705 | |
| Produce quotations for residential sprinkler systems | 3 | 15 | R/618/6706 | |

Contacts



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Ofqual

Tel: 0300 303 3344
Email: public.enquiries@ofqual.gov.uk
Website: www.gov.uk/government/organisations/ofqual

Qualifications Wales

Tel: 01633 373 222
Email: enquiries@qualificationswales.org
Website: www.qualificationswales.org

CCEA

How to contact: <https://ccea.org.uk/contact>
Email: info@ccea.org.uk
Website: <https://ccea.org.uk/regulation>

Skills for Justice

How to contact: www.sfjuk.com/contact
Email: contactus@sfjuk.com
Website: www.sfjuk.com

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SFJ Awards

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SFJ Awards is part of the Workforce Development Trust, a not for profit organisation, together with Skills for Justice and Skills for Health. For over 10 years Skills for Health and Skills for Justice have been working with employers, Governments of the UK and agencies within the skills system, to better equip workforces with the right skills now and for the future. During this time both Skills for Health and Skills for Justice have earned an enviable reputation for their knowledge of the health and justice sectors and their proactive approach to the development of skills and qualifications, along with an ability to deliver genuinely workable solutions for the employers they represent. SFJ Awards is an awarding organisation that builds upon this reputation. We work with employers in the policing, community safety, legal, armed forces and health sectors and understand their specific challenges, enabling us to quality assure learning outcomes that are suited to the needs of the sectors.