

BPEC End-point Assessment

Fire, Emergency & Security Systems Technician – Level 3

BPEC is a trusted independent End-point Assessment Organisation (EPAO) accredited to deliver assessments against Fire, Emergency and Security Systems (FESS) Technician – Level 3 standard (ST0189).

Fire, Emergency and Security Systems Technicians design, install, commission, and maintain electronic systems in and outside simple and complex premises to protect individuals, homes and properties from risk and danger.

Why BPEC?

BPEC has been an industry led, proven provider of specialised assessments and accredited certification body for the Building Services Engineering (BSE) sector since 1997, an awarding organisation since 2010 and included on the Register of End-point Assessment Organisations since 2017.

We offer an end-to-end solution for your End-point Assessments (EPAs), including the most secure and robust assessments available – focused on your needs and helping you and your apprentices to evidence their skills.

Flexible and agile, our focus is on working with employers, colleges, professionals and apprentices to raise standards, delivering exceptional quality to the Building Services sector and assessing the knowledge, skills and behaviours acquired by an individual during their apprenticeship.

Offering a personalised, fast and responsive service, our EPA experts are always available to help and advise you.

Fire, Emergency & Security Systems (FESS) Apprenticeship Standard

Apprenticeship Standard

The apprentice develops practical skills and knowledge both at work and with a training provider. They follow one of four paths depending on the employer's focus: Fire; Security; Fire & Security.

End-point Assessment (EPA)

To complete the apprenticeship, the apprentice takes the FESS EPA to assess the knowledge, skills and behaviours they have learned during their training.

Qualified FESS Technician

Once the EPA has been passed, the apprenticeship is complete and the apprentice will be a qualified Fire, Emergency & Security Systems Technician (title dependent on chosen pathway)



The BPEC End-point Assessment for FESS Technician – Level 3



This is a comprehensive two-day assessment with practical skills tests in areas such as safe isolation, takeover of an existing installation, additions to existing systems and commissioning. Systems include fire, security, and emergency to detect intrusion, provide surveillance, monitor and control access to buildings, properties and sites or to detect fire and emergencies.

Candidates' knowledge on health and safety, electrical and electronic principles and a wide range of other areas is also tested and, importantly, a professional discussion is included to allow the candidate to demonstrate they have effective behaviours that will build and retain trust with customers and colleagues.

Skills include interconnection of equipment, programming, verifying performance/fault finding and testing and maintaining. Technicians will carry out planned jobs to install new systems, modify and maintain existing systems as well as respond to call-outs to repair faulty systems where they will utilise their problem-solving skills.

The End-point Assessment for the Fire, Emergency and Security Systems Technician Apprenticeship Standard is made up of 3 components:

1. Knowledge test consisting of 60 multiple-choice questions of 90 minutes duration
2. Practical skills test consisting of simulated practical tasks taken over 2 days (up to 11 hours dependent on pathway)
3. Professional discussion of no more than 45-minutes duration.

End-point Assessments will be carried out by independent End-point Assessors. Each component of the End-point Assessment will be assessed against the appropriate criteria.

For generic information about the Fire, Emergency and Security Systems Technician apprenticeship, visit the Institute for Apprenticeships and Technical Education website: <https://www.instituteforapprenticeships.org/apprenticeship-standards/fire-emergency-and-security-systems-technician-v1-0>

| Assessed element - Fire, Emergency and Security Systems (FESS) Technician | Re-sit / Re-take fees |
|---|-----------------------|
| Knowledge Test | From £0* |
| Practical Skills Test - Service and Repair | £414.00 |
| Practical Skills Test - Installation | £782.00 |
| Practical Skills Test – Testing and Commissioning | £414.00 |
| Professional Discussion (Remote) | £207.00 |
| Practical Skills Test - Full Practical Re-sit | £1595.00 |

| Apprenticeship Standard | Total |
|--|----------|
| Fire, Emergency and Security Systems (FESS) Technician | £2250.00 |

* Subject to facility charge

For further information
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