

# SFS SYS 12 (SQA Unit Code - H4GP 04)

## Commission electronic security systems



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### Overview

This NOS sets out the skills, knowledge and understanding for you to commission electronic security systems.

This NOS covers the following activities:

1. Commission electronic security systems

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### Performance criteria

- You must be able to:*
- P1 safely identify the presence of electrical supply, into and inside, electronic security systems equipment
  - P2 identify the means for safe isolation of electrical supply systems
  - P3 confirm the installation complies with the specification
  - P4 make sure you have all the relevant documents and information you need to commission systems
  - P5 commission systems in accordance with the specification
  - P6 take suitable action to minimise potential disruption to customers' and other relevant third parties' normal work activities
  - P7 take action to deal with any problems that may arise during commissioning operations
  - P8 complete commissioning documents in accordance with the specification

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### Knowledge and understanding

*You need to know and understand:*

- K1 current relevant legislation, regulations, standards and codes of practice relating to the commissioning of electronic security systems
- K2 what information you need to confirm systems are ready to be commissioned, and from where you get this information
- K3 how to confirm that systems and their performance meet the specification
- K4 the operation of the systems that you commission
- K5 the processes and procedures you must use to bring systems into operation, and why you must apply them, including completing commissioning documents
- K6 how to communicate and work with other people
- K7 what actions you can take to minimise disruption to customers and third parties
- K8 what action you can take to deal with problems that arise during commissioning operations
- K9 why you need to identify the presence of electrical supply and how it can be isolated safely
- K10 sufficient relevant transmission and system components theory for you to interpret the results of the tests you carry out

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### Glossary

In these National Occupational Standards;

**electrical supply systems:** supply to the system components, such as primary and secondary supplies

**specification:** the specific detail containing design, installation, commissioning or maintenance requirements

**systems:** a set of components working together as an interconnecting network. For example (but not exhaustive) new installations; extensions; modifications

**transmission:** the interconnection of system components. For example (but not exhaustive) wired, wireless, networking

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**Developed by** Skills for Security

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**Version number** 2

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**Date approved** March 2013

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**Indicative review date** March 2016

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**Validity** Current

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**Status** Original

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**Originating organisation** Skills for Security

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**Original URN** SFS SYS 12

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**Relevant occupations** Elementary Occupations; Elementary Security Occupations

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**Suite** Electronic Security Systems

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**Key words** commission; handover; electronic; security; systems; operation; customer; specification; commissioning; configuration;