



Australian Government

CPPSEC3046 Develop security system configurations and specifications for client sites

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 9.0.

Supersedes and is equivalent to CPPSEC3046A Configure a security system.
Updated to meet the Standards for Training Packages.

Application

This unit specifies the skills and knowledge required to develop security system specifications and configurations to meet the requirements of different client sites. It includes assessing sites and security risk factors to select security system design options and develop specifications for equipment configurations and placement. This work applies in extra low voltage environments as defined in Australian Standard *AS/NZS 2201.1:2007 Intruder alarm systems – Client's premises – Design, installation, commissioning and maintenance* (AS/NZS 2201).

A person working at this level would be expected to take responsibility for organising and completing tasks assigned to them without close supervision.

Licensing, legislative or certification requirements apply to advising on, supplying, installing, maintaining, monitoring, repairing and servicing security equipment in some states and territories. For further information, check with the relevant regulatory authority.

Pre-requisite Unit

None.

Unit Sector

Technical

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

1 Plan and prepare for work.

1.1 Review work instructions to confirm client requirements, site location and work timeframes.

1.2 Plan and prioritise work tasks allowing sufficient time to meet work instructions.

- 1.3 Review AS/NZS 2201 to understand regulatory requirements associated with installing security equipment and systems and apply to work instructions.
 - 1.4 Arrange access to work site in consultation with relevant persons.
 - 1.5 Select and organise required materials, tools and equipment including personal protective equipment and check for safe and correct operation.
 - 1.6 Review and follow workplace policies and procedures including work health and safety (WHS) when carrying out work tasks.
- 2 Assess client and site requirements.
 - 2.1 Identify hazards in the work area and apply risk control measures.
 - 2.2 Conduct a detailed site assessment.
 - 2.3 Identify and assess site security risk factors.
 - 2.4 Record results of site assessment and identified security risk factors.
- 3 Formulate security system specifications and configurations.
 - 3.1 Evaluate design options and select preferred security system configurations to meet site and client requirements.
 - 3.2 Prepare schematics and specifications that accurately detail installation requirements to enable accurate costings to be calculated.
 - 3.3 Select and calculate security equipment and material types and quantities to best meet system specifications.
 - 3.4 Check to verify security system specifications, configurations, placement and positioning comply with legal requirements.
 - 3.5 Seek information and assistance from relevant persons to finalise security system specifications and configurations within agreed timeframes.

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| 4 Document and finalise security system specifications and configurations. | 4.1 Use information technology to clearly and accurately document security system specifications and configuration recommendations according to workplace requirements. |
| | 4.2 Seek feedback on recommendations and make required adjustments to obtain client acceptance of proposed security system specifications and configurations. |
| | 4.3 Complete and securely store documentation in a manner that facilitates future retrieval and maintains confidentiality according to workplace and regulatory requirements. |

Foundation Skills

As well as the foundation skills explicit in the performance criteria of this unit, candidates require:

- oral communication skills to use questioning and active listening when seeking feedback from clients
- reading skills to interpret key requirements of:
 - drawing and drafting symbols
 - plans, drawings and specifications in diagrammatic and schematic formats
 - Australian standards and manufacturers' instructions
- writing skills to draw plans and schematics when configuring security systems.

Unit Mapping Information

Supersedes and equivalent to CPPSEC3046A Configure a security system.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>