



Australian Government

CPPSEC3037 Test installed security equipment and systems

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 CPPSEC3037A Test installed security equipment and system. Updated to meet the Standards for Training Packages.

Application

This unit specifies the skills and knowledge required to test a range of installed security equipment and systems including cable systems, equipment components and programming. It includes selecting and carrying out tests to confirm the integrity, security and safety of equipment and systems. 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 Prepare to test installed security equipment and system.

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

1.2 Review AS/NZS 2201 to understand regulatory requirements associated with testing installed security equipment and systems and apply to work instructions.

- 1.3 Review and follow workplace policies and procedures including work health and safety when carrying out work tasks.
 - 1.4 Confirm type of security equipment and system to be tested and clarify testing parameters.
- 2 Plan and organise work tasks.
 - 2.1 Plan and prioritise work tasks allowing sufficient time to meet work instructions.
 - 2.2 Select and organise required materials, tools and equipment including personal protective equipment and check for safe and correct operation.
 - 2.3 Arrange access to installed security equipment and system in consultation with relevant persons.
 - 2.4 Identify hazards in the work area and apply risk control measures.
- 3 Conduct security equipment and system testing procedures.
 - 3.1 Use safe work practices when working with electronic equipment and cables according to WHS requirements.
 - 3.2 Identify, isolate, tag and test cables according to WHS requirements.
 - 3.3 Remove parts and connections of security equipment and system following approved procedures and store safely to protect against loss or damage.
 - 3.4 Carry out testing procedures following manufacturers' instructions.
 - 3.5 Check to confirm accuracy and reliability of test data and conduct additional required tests or seek assistance from relevant persons.
 - 3.6 Reassemble security equipment and system to pre-test condition following manufacturers' instructions.
- 4 Finalise testing activities and
 - 4.1 Check security equipment and system to confirm correct operation and conformance with work instructions.

documentation.

- 4.2 Complete documentation detailing testing results according to workplace and regulatory requirements.
- 4.3 Notify work completion to relevant persons.
- 4.4 Check tools and equipment for faults, wear or damage and rectify or report problems.
- 4.5 Restore work area to original condition and remove waste caused by work tasks.

Foundation Skills

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

- reading skills to interpret key requirements of:
 - plans and specifications when locating installed security equipment and systems
 - Australian standards and manufacturers' instructions
- numeracy skills to interpret multimeter readings when testing security equipment and systems.

Unit Mapping Information

Supersedes and equivalent to CPPSEC3037A Test installed security equipment and 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>