Australian Government

CPPSEC2021 Install 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 CPPSEC2021A Install security equipment and systems. Updated to meet the Standards for Training Packages

Application

This unit specifies the skills and knowledge required to install a range of security equipment and systems. It includes selecting and using materials, tools and equipment to install security equipment and systems using approved cable termination methods and procedures. 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) and involves applying National Construction Code (NCC) requirements to the installation.

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

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 install security equipment and systems.	1.1 Review work instructions to confirm installation timeframes, client needs, site location and equipment requirements and clarify issues with relevant persons.
	1.2 Review AS/NZS 2201 and NCC to understand regulatory requirements for locating and installing security

			equipment and systems and apply to work instructions.
		1.3	Review and follow workplace policies and procedures including work health and safety (WHS) when carrying out work tasks.
		1.4	Identify and obtain security equipment and system to be installed following workplace procedures.
2	Plan and organise installation operation.	2.1	Plan and prioritise work tasks to allow sufficient time to meet work instructions.
		2.2	Select and organise required tools and equipment including personal protective equipment and check for safe and correct operation.
		2.3	Select and organise required materials and hardware for product installation suitable to the specific installation surface and installation procedures.
		2.4	Inspect installation area to identify and control or report risks and hazards.
3	Conduct installation procedures.	3.1	Use safe work practices when working with electronic equipment and cables according to WHS requirements.
		3.2	Select installation position to comply with manufacturers' specifications and work instructions.
		3.3	Securely fix security equipment and system and terminate and connect cables, ensuring no damage or distortion is caused to the surrounding environment or services.
		3.4	Identify problems impacting the installation and obtain approval from relevant persons to vary the installation plan.
		3.5	Inspect installed security equipment and system to confirm correct operation.
		3.6	Check to confirm all terminations are electrically and mechanically sound according to WHS requirements.

4 Complete installation and documentation.	4.1	Notify installation completion to relevant persons.
	4.2	Complete installation documentation according to workplace and regulatory requirements.
	4.3	Check tools and equipment for faults, wear or damage and rectify or report problems.
	4.4	Restore work area to original condition and remove waste caused by installation operation.

Foundation Skills

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

- reading skills to understand key requirements of:
- plans when locating installation sites for security equipment and systems
- Australian standards, NCC and manufacturers' instructions
- numeracy skills to calculate measurements to accurately position and fix security equipment and systems.

Unit Mapping Information

Supersedes and equivalent to CPPSEC2021A Install security equipment and systems.

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