Assessment Requirements for CPPSEC3025 Diagnose faults in advanced technology security equipment and systems

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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 CPPSEC2025A Sell security products and services. Updated to meet the Standards for Training Packages.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by conducting testing and diagnostic procedures to identify a minimum of five faults on security equipment and systems which use at least two of the advanced technologies listed below:

- artificial intelligence (AI)
- biometrics
- robotics
- smart technologies
- video integration.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- workplace policies and procedures that ensure compliance with legislative and regulatory requirements when diagnosing faults in advanced technology security equipment and systems:
  - licensing requirements and limits of own authority
  - privacy requirements
  - reporting and documentation
  - requirements for complying with Australian Communications and Media Authority cabling rules
  - work health and safety
- application of *AS/NZS 2201.1:2007 Intruder alarm systems – Client's premises – Design, installation, commissioning and maintenance* (AS/NZS 2201) when diagnosing security equipment and system faults at client premises
- cable identification methods and techniques
- documentation to be completed when diagnosing faults in advanced technology security equipment and systems
- established threshold levels and their impact on security

- keypad and control panel types and functions for a range of advanced technology security equipment and systems
- materials, tools and equipment including personal protective equipment (PPE) used when diagnosing faults in advanced technology security equipment and systems
- methods for ensuring IP networked systems and equipment are properly secured
- operational parameters and diagnostic testing procedures for a range of advanced technology security equipment and systems:
  - AI
  - biometrics
  - robotics
  - smart technologies
  - video integration
- operational principles of data transmission networks
- types and functions of computer software associated with advanced technology security equipment and systems
- types of earthing systems used in electrical installations
- types of electrical connections and circuits encountered when diagnosing faults in advanced technology security equipment and systems, and circuit protection requirements
- typical hazards encountered when diagnosing faults in advanced technology security equipment and systems and the control measures for each:
  - confined spaces
  - electrical
  - hazardous materials and chemicals
  - people in the work area
  - power tools
  - vermin
  - work at heights.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

All individuals engaged by a licensed RTO for security licensing purposes must hold both a security trainers licence (where such a licence exists within the relevant jurisdiction) and the licence for performing the security activities for which the individual is providing training or assessment. Regulators may impose other assessor conditions to meet jurisdictional assessment requirements.

Assessment must be conducted in the workplace or in a simulated workplace environment. Candidates must have access to:

- workplace policies and procedures, work instructions, documentation, advanced technology security equipment and systems, PPE, tools and materials required to achieve the performance evidence

- security equipment and system information to support diagnostic activities
- AS/NZS 2201.

Links

Companion volumes to this training package are available at the VETNet website - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad

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