



Australian Government

**Assessment Requirements for MEM20022
Modify and repair security equipment and
systems**

Release: 1

Assessment Requirements for MEM20022 Modify and repair security equipment and systems

Modification History

Release 1. New unit.

Replaces CPPSEC3049A Modify and repair security equipment and system.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- identifying and complying with applicable legislative requirements including licensing
- identifying site access and site-specific requirements
- identifying and diagnosing faults and malfunctions on at least two occasions
- recognising routine and complex faults and malfunctions in security equipment and systems
- organising materials, tools and equipment requirements
- carrying out maintenance, modifications and repairs on security equipment and systems on at least two occasions
- using appropriate tools and equipment including hand and power tools
- returning security equipment and systems to service
- testing and confirming operational effectiveness of security equipment and systems on at least two occasions
- completing all documentation in accordance with SOPs.

Note: Where a volume and/or frequency is not specified, demonstration must be provided at least once.

Knowledge Evidence

Evidence required to demonstrate the required knowledge for this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- applicable legislative requirements including licensing and client confidentiality
- cable identification, termination and connection procedures
- earthing systems arrangements and requirements
- electrical concepts
- emergency procedures
- fault-finding techniques
- maintenance procedures relevant to security equipment and systems

- procedures for accessing and storing tools, equipment and materials
- procedures for reporting malfunctioning or faulty tools and equipment
- reporting and documentation requirements
- requirements for commissioning of security equipment and systems
- requirements for compliance with Australian building codes and regulations and current cabling standards
- risks and hazards associated with maintenance procedures
- security equipment and system configurations and methods of programming
- security equipment and system repair techniques
- technical terminology
- types of faults associated with security equipment and systems
- types, functions and features of security equipment and systems
- waste disposal procedures.
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Assessment Conditions

- Assessors must:
 - have vocational competency in modifying and repairing security equipment and systems at least to the level being assessed with relevant industry knowledge and experience
 - satisfy the assessor requirements in the Standards for Registered Training Organisations 2015 or its replacement and comply with the National Vocational Education and Training Regulator Act 2011, its replacement or equivalent legislation covering VET regulation in a non-referring state/territory as the case requires.
- Where possible, assessment must occur in operational workplace situations. Where this is not possible or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment that reflects realistic operational workplace conditions that cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required including relevant workplace procedures, product and manufacturing specifications.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
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Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>