



Australian Government

Assessment Requirements for MEM10011 Terminate and connect specialist cables

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM10011B Terminate and connect specialist cables

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria on at least two (2) occasions and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- identifying and interpreting specifications and drawings, regulatory and legislative requirements for terminating and connecting specialist cables
- connecting and terminating specialist cables utilising a range of cable installations requiring specialised glands, fittings and enclosures, sealing entry points, as required, and marking/tagging and labelling wiring to specifications
- using test equipment to locate various faults
- inspecting and testing terminated cables to ensure they comply with continuity and insulation resistance and are safely intended for use
- completing all reports and documentation in accordance with SOPs.

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)
- worksite procedures and relevant statutory requirements
- statutory requirements associated with the termination and connection of specialist cables
- manufacturer requirements and specifications for specialist cables and materials
- requirements for approval to work
- wiring support and/or protection requirements
- specifications of wiring support and/or protection requirements
- reading and interpreting relevant drawings, instructions and reference documents
- testing methods for specialist cables, including continuity and insulation resistance testing
- marking, tagging and labelling requirements for cables, wires, conductors and connections
- data to be recorded and/or reported and the frequency of recording/reporting
- impact of the site and location variables may have on termination and connection.

Assessment Conditions

- Assessors must:
 - have vocational competency in terminating and connecting specialist cables 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. This must 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.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>