



Australian Government

Assessment Requirements for MEM09203 Measure and sketch site information

Release: 1

Assessment Requirements for MEM09203 Measure and sketch site information

Modification History

Release 1. Supersedes and is equivalent to MEM09203A Measure and sketch site information.

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
- interpreting work brief and conducting site visit in accordance with project requirements
- recording details of site features on at least two occasions, including site structure and materials, services and any other relevant site information or documentation
- taking accurate site measurements of features and making calculations to ensure all required measurements are accurate on at least two occasions
- producing sketch of site to proportion using correct sketching conventions and symbols on at least two occasions.

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)
- where to find relevant legislation
- quality assurance procedures
- materials and equipment needed to produce sketches
- calculations used when measuring and sketching site information
- conventional signs and markings for plans and drawings
- principles of plane geometry including geometric shapes, plane geometry, geometric construction and line types during construction
- standard drawing conventions
- drawing techniques
- drawing constructions including isometric axes, isometric angles, isometric lines, non-isometric lines and isometric circles
- four centre method

- ordinate method including sectioning isometric shapes
- measurement techniques, equipment and tools.

Assessment Conditions

- Assessors must:
 - have vocational competency in measuring and sketching site information 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.

Links

Companion Volume implementation guides are found in VETNet -

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