



Australian Government

Assessment Requirements for MEM05014 Monitor quality of production welding/fabrications

Release: 2

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Modification History

Release 2. Quantum of hours of workplace practice removed. Supersedes and is equivalent to MEM05014 Monitor quality of production welding/fabrications (Release 1).

Release 1. Supersedes and is equivalent to MEM05014C Monitor quality of production welding/fabrications.

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
- monitoring the quality of completed or partly completed welded fabrications produced by others in a production environment using inspection procedures to specifications
- reporting non-conforming welds and initiating remedial action
- initiating test requirements according to procedures and legislative requirements
- collecting weld test data and preparing reports as required.

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 welding practices and procedures and use of personal protective equipment (PPE)
- function of pre-set gauges
- test requirements appropriate to the welded product
- legislative and/or regulatory requirements of the welded product
- reporting and corrective action procedures.

Assessment Conditions

- Assessors must:
 - have vocational competency in monitoring the quality of production welding/fabrications 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.

- Assessment must occur in a functioning workplace. Where assessment in the workplace would be unsafe, impractical or threatens the environment, assessment must occur in a sufficiently rigorous simulated environment that reflects the circumstances that would be experienced in a functioning workplace. Assessment must cover all aspects of workplace performance, including 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>