



Australian Government

Assessment Requirements for MEM18008 Balance equipment

Release: 2

Assessment Requirements for MEM18008 Balance equipment

Modification History

Release 2. Quantum of hours of workplace practice removed. Supersedes and is equivalent to MEM18008 Balance equipment (Release 1).

Release 1. Supersedes and is equivalent to MEM18008B Balance equipment.

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, charts, lists and drawings to balance equipment
- setting up component to be balanced to site/manufacturer's procedures and determining balance/out-of-balance and comparing to specifications
- operating balance equipment using appropriate techniques safely
- checking for compliance to specifications
- undertaking numerical operations, geometry, calculations and formulae for balancing equipment.

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)
- principles of balancing and reasons for testing equipment for balance
- effect of out of balance components on machine/equipment operation and life
- procedures for checking the balance of equipment
- most appropriate procedure to be applied to selected balancing situations and reasons for selection
- procedures for:
 - setting up the component to be balanced
 - operating the balancing equipment
 - recording out-of-balance readings
 - balancing out-of-balance equipment
- specifications of the component to be balanced
- principles and methods of rigid and flexible rotation balancing
- techniques of single and multiple plane balancing
- appropriate balancing technique for given balancing situations and reasons for selection

- precautions to be taken when adding or removing material to achieve balance.

Assessment Conditions

- Assessors must:
 - have vocational competency in balancing equipment 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>