



**Australian Government**

# **Assessment Requirements for MEM15022**

## **Verify reference standards**

**Release: 1**

# Assessment Requirements for MEM15022 Verify reference standards

## Modification History

Release 1. Supersedes and is equivalent to MEM15022B Verify reference standards.

## 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
- researching and identifying suitable reference standards within standards hierarchy
- accessing reference manuals on at least two occasions to gain appropriate information concerning tolerances for reference standards
- completing the organisation's information tracking documentation
- identifying sources of operational procedural errors relevant to the verification
- performing verification of reference standards on at least two occasions by locating identification marks and researching design features on range of reference standards
- documenting results in line with legislation and policies
- completing all documentation in accordance with procedures.

*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
- relevant categories of reference standards which the organisation is authorised to verify
- reference standard verification procedures
- different classes for reference standards
- appropriate tolerances for different reference standards
- current status of clients' reference standards
- atmospheric factors required for verifying reference standards and remedial action for atmospheric deficiencies
- environmental factors that may adversely influence the integrity of the reference standards and remedial action for different environmental deficiencies
- requirements for identification marking on reference standards
- purpose of design specifications

- purpose of the major components and functions of reference standards
- fundamental features of reference standards
- process for maintaining integrity of results, including calculation
- reference material for uncertainty and maximum permissible errors for reference standards
- process for producing certificates of verification in accordance with verifying authority status.
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## Assessment Conditions

- Assessors must:
  - have vocational competency in verifying reference standards 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.
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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>