



**Australian Government**

# **Assessment Requirements for MEM13003 Work safely with industrial chemicals and materials**

**Release: 1**

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## **Modification History**

Release 1. Supersedes and is equivalent to MEM13003B Work safely with industrial chemicals and materials

## **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
- selecting appropriate PPE based on data obtained in relevant safety data sheets (DS)
- observing safe working practices including undertaking a risk assessment
- following approved safety procedures and instructions in demonstrating responses to real or simulated emergencies
- performing proper manual handling techniques when shifting and moving industrial chemicals and materials
- ensuring all decanted chemicals are stored in storage containers that are suitable for chemical exposure and are properly labelled and/or placarded
- updating chemical manifests following SOPs
- complying with appropriate state or territory legislative requirements at all times.

## **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)
- dangerous goods classification and labelling/placarding
- testing and maintenance of PPE
- inherent hazardous properties of the chemicals to be used
- interpretation of the relevant safety data sheets (SDS)
- basic fire-fighting procedures
- site-specific emergency plan procedures
- chemical spill confinement procedures
- dangerous occurrence (near miss) reporting procedures
- hierarchy of controls.

## Assessment Conditions

- Assessors must:
  - have vocational competency in working safely with industrial chemicals and materials 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>