



Australian Government

Assessment Requirements for MEM13004 Work safely with molten metals/glass

Release: 1

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Modification History

Supersedes and is equivalent to MEM13004B Work safely with molten metals/glass

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
- using appropriate personal protective equipment (PPE) as specified in work health and safety (WHS) requirements and SOPs
- responding to emergency procedures for incidents, including fires, accidents and spillage
- handling hazardous materials and equipment in accordance with procedures
- following workplace procedures to control risks that includes the likelihood and consequences of injury or damage and identifying and reporting hazardous conditions and taking actions to rectify hazards
- interpreting text and numerical (e.g. quantities, units of measurement) information on safety data sheets (SDS), safety signs, symbols and labels
- using appropriate manual handling techniques and equipment in accordance with procedures.

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)
 - procedures relevant to raising WHS issues
 - rights and responsibilities of workplace parties under WHS Acts, regulations and codes of practice
 - designated personnel responsible for WHS
 - emergency procedures, safety signs, symbols and labels
 - procedures for correct inspection and service of equipment, including PPE
 - routine maintenance procedures for equipment
 - workplace procedures for working in hazardous areas
 - consequences of not maintaining a clean and safe working environment
 - specific hazards associated with the work environment/industry
 - safe manual handling procedures
 - location of emergency equipment, including first aid facilities
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- hierarchy of controls.

Assessment Conditions

- Assessors must:
 - have vocational competency in working safely with molten metals/glass 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>
