



**Australian Government**

# **Assessment Requirements for MEM08013**

## **Prepare surfaces by abrasive blasting**

### **(advanced)**

**Release: 1**

## **Assessment Requirements for MEM08013 Prepare surfaces by abrasive blasting (advanced)**

### **Modification History**

Release 1. Supersedes and is equivalent to MEM08013B Prepare surfaces by abrasive blasting (advanced)

### **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, supplier information and Australian and international standards for advanced abrasive blasting
- determining the appropriate means of preparing surfaces by abrasive blasting
- selecting, setting up, using and maintaining surface blasting equipment safely and effectively, reporting any faults
- demonstrating emergency shutdown procedures
- selecting and using the correct media for the blasting operation and preparing surfaces
- disposing of abrasive media in accordance with regulatory and legislative requirements
- inspecting to ensure the prepared surface meets specifications and rectifying any non-conformance, as necessary.

### **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)
- calculations and numerical operations for surface preparation using advanced blasting operations
- blasting media features and uses
- equipment for the selected method
- inspection procedures for surface preparation
- procedures for using abrasive blasting equipment
- reasons for an emergency shutdown
- emergency shutdown procedures
- specifications, supplier information and Australian and international standards for advanced abrasive blasting
- procedures for abrasive media disposal to meet environmental requirements.

## Assessment Conditions

- Assessors must:
  - have vocational competency in preparing surfaces by abrasive blasting (advanced) 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>