



**Australian Government**

**Assessment Requirements for MSFFL3047  
Polish concrete floors using planetary  
machines**

**Release: 1**

# Assessment Requirements for MSFFL3047 Polish concrete floors using planetary machines

## Modification History

Release 1 - New unit of competency

## Performance Evidence

- Comply with legislation, regulations, standards, codes of practice and established safe practices and procedures for operating and maintaining planetary grinding/polishing equipment
- Apply safe handling practices for equipment, products and materials
- Follow work instructions, operating procedures and inspection practices to:
  - prevent damage to goods, equipment and products
  - maintain required production output and product quality
  - minimise the risk of injury to self and others
- Polish a concrete sub-floor using single headed, double headed and planetary action concrete polishing equipment correctly and safely
- Complete operator maintenance on concrete polishing equipment
- Modify activities to cater for variations in workplace contexts and environment
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of faults and problems
- Collect and understand information related to the use and maintenance of grinding and polishing equipment
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity
- Use pre-checking and inspection techniques to anticipate polishing problems to avoid re-work and wastage
- Recognise and respond to circumstances outside instructions or personal competence
- Plan and organise activities, including the preparation and layout of the worksite and the obtaining of tools
- Use mathematical ideas and techniques to correctly complete measurements and estimate material requirements
- Maintain current knowledge of:
  - tools and materials
  - concrete surface polishing techniques
- Use workplace technology related to the use and operator maintenance of concrete polishers and associated materials

## Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the use of concrete polishing equipment
- Organisational and site standards, requirements, policies and procedures for the use of concrete polishing equipment
- Types of concrete polishers and procedures for their safe use, operation and maintenance
- Polisher attachments, their uses, limitations and maintenance requirements
- Diamond polishing tools, uses and wear factors
- Environmental protection requirements
- Established communication channels and protocols
- Relevant problem identification and resolution

## Assessment Conditions

- Assessors must:
  - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
  - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
  - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to single, double and planetary action grinders/polishers and hand grinding and edging tools, manufacturer/user instructions and/or manuals, and a defined polishing standard.

## Links

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>