



Australian Government

Assessment Requirements for MSFFL3048 Select and fit diamond tools for concrete surface preparation and polishing

Release: 1

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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
- Select and fit appropriate diamond grinding and polishing tools to be used in planetary action concrete finishing equipment correctly and safely
- 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 diamond grinding and polishing tools and maintain current knowledge of tools and materials
- 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 floor surfacing 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
- Use workplace technology related to the use and maintenance of diamond grinding and polishing tools for concrete finishing

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the use of grinding equipment
- Organisational and site standards, requirements, policies and procedures for the use of concrete polishing equipment
- Types of concrete finishing machines and procedures for their safe use, operation and maintenance
- 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 diamond grinding and polishing tools, planetary action grinders/polishers and manufacturer/user instructions and/or manuals.

Links

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