



Australian Government

MSFFL3108 Polish concrete floors

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSFFL3056 Polish concrete floors. Changes to application, elements and performance criteria to improve clarity and consistency across MSFFL units. Changes to assessment requirements.

Application

This unit describes the skills and knowledge required to clean, prepare and polish concrete floors.

Workers with this competency undertake routine tasks on residential and non-residential/commercial sites according to job instructions and workplace procedures using discretion, judgement and problem-solving to identify and resolve routine issues. They work with a high degree of self-direction under routine supervision, and they are responsible for their output.

The work described in this unit may require a licence or certification in some jurisdictions, and state or territory authorities should be consulted to determine the current status. Workers on construction sites are required by law to complete induction training. They must also comply with relevant legislation, regulations, Australian Standards, codes and manufacturer installation instructions.

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to polish concrete floors	1.1 Interpret concrete polishing requirements from job instructions 1.2 Identify hazards and check risk treatments are in place and operating 1.3 Select and check concrete grinding, polishing and other required equipment and tools are ready to use, and organise to fix any deficiencies according to workplace procedures 1.4 Gather cleaning chemicals, preparation and finishing products and other materials required by job instructions, and check they meet quality requirements and are ready to use according to the manufacturer instructions, product labels, safety data sheets and workplace procedures

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Receive flooring materials	2.1 Remove fittings, fixtures, loose debris, dirt, adhesives, paint and other items and contaminants from the floor using appropriate methods and products 2.2 Measure and mix cleaning chemicals, if required, in the correct ratios according to the manufacturer instructions, product labels and safety data sheets 2.3 Set up the polishing machine with the machine rotation speed, direction and diamond tools appropriate for removing contaminants 2.4 Operate the polishing machine to capture and remove contaminants according to job instructions
3. Operate polishing machinery to polish the floor	3.1 Operate the polishing machine to establish a passing pattern, and polish the concrete floor according to workplace procedures and job instructions 3.2 Overlap outer zones and stagger passes to achieve the desired finish 3.3 Continually monitor the machine to ensure its motors are running within the manufacturer safe operating limits and there are no apparent electrical faults 3.4 Polish the floor's perimeter using edge and corner polishing equipment and appropriate attachments 3.5 Identify excessive wear on the polishing machine and accessories during the polishing process and change the tools or fix any deficiencies according to workplace procedures 3.6 Buff the floor using buffing pads 3.7 Check the floor is polished correctly according to job instructions and quality requirements, and fix any deficiencies
4. Complete the task according to workplace procedures	4.1 Clean up the work area, identify items for recycling and dispose of waste 4.2 Identify, tag and report any damage to equipment and tools 4.3 Check, clean and do routine maintenance on equipment and tools and store them and unused materials 4.4 Complete task outcome documentation

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSFFL3056 Polish concrete floors.

Links

Companion Volume Implementation Guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>