

## MSFFL3126 Grout polished concrete floors

### Modification History

Release 1. New unit.

### Application

This unit describes the skills and knowledge required to grout polished concrete floors.

Workers with this competency interpret task instructions and plans and follow established workplace procedures using judgement and problem-solving to identify and resolve routine issues. They work with some self-direction under routine supervision.

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 Australian Standards, codes and manufacturers' installation instructions.

### Unit Sector

Flooring technology

### Elements and Performance Criteria

Workers with this competency can do the following.

Elements	Performance Criteria
1. Prepare to grout polished concrete floors	1.1 Interpret grouting requirements from job instructions and manufacturers' instructions and calculate the quantities of materials required 1.2 Identify hazards relating to the worksite, work practices, materials, tools and equipment, and check risk treatments are in place and operating 1.3 Select and check that required tools and equipment are ready to use, and organise to fix any deficiencies according to workplace procedures 1.4 Gather grouting materials and other materials required by job instructions, and check they meet quality requirements and are ready to use according to manufacturers' instructions 1.5 Assess if the floor needs grinding, and grind and hone according to the material manufacturer's instructions
2. Mix, apply and finish off the grout	2.1 Establish a suitable mixing area and protect surrounding surfaces 2.2 Prepare and apply grout according to manufacturer's instructions 2.3 Cut off excess grout and finish the floor according to job instructions 2.4 Check the floor is grouted correctly according to job instructions and quality requirements, and fix any deficiencies
3. Complete the task according to workplace procedures	3.1 Clean up the work area, identify items for recycling and dispose of waste 3.2 Identify, tag and report any damage to equipment and tools 3.3 Check, clean and do routine maintenance on equipment and tools and store them and unused materials 3.4 Complete task outcome documentation

### Foundation skills

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

## Assessment Requirements

### Performance Evidence

The candidate must be able to do the work described in the elements and performance criteria of this unit of competency. They must be able to:

- grout at least two floors using two different grouting techniques.

### Knowledge Evidence

There must be evidence the candidate has knowledge of:

- manufacturer's instructions for preparing grout
- the safe and correct use of and maintenance requirements for tools and equipment for preparing concrete floors for grouting and grouting them
- the most common issues that can arise when preparing concrete floors for grouting and grouting them and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
  - preparing concrete floors for grouting and grouting them
  - communication and reporting
  - environmental protection and sustainability, including maximising resource utilisation and minimising waste
  - quality indicators for completed work and process improvements
  - work health and safety, including the use of personal protective equipment and safety data sheets
  - work planning
  - how to identify if a concrete floor is suitably prepared for grouting
  - how to identify if a concrete floor has been grouted correctly.

### Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
  - locations with concrete floors to be grouted
  - equipment and tools required for the activities set out in the elements and performance criteria, including those to control hazards
  - job instructions and workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

### Links

Companion Volume implementation guides are found in VETNet –

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