



Australian Government

MSFFL2035 Mechanically prepare surfaces for installation of flooring materials

Release: 1

MSFFL2035 Mechanically prepare surfaces for installation of flooring materials

Modification History

Release 1. Supersedes and is not equivalent to:

- MSFFL2011 Select, operate and maintain grinding equipment
- MSFFL2012 Select, operate and maintain shot blasting equipment
- MSFFL2013 Select, operate and maintain demolition equipment
- MSFFL2014 Select, operate and maintain scarifying equipment

Application

This unit describes the skills and knowledge required to select and use powered equipment for the preparation of surfaces prior to the installation of flooring materials. It includes the requirement for floor grinding, and for knowledge of a range of different preparation methods.

This unit applies to flooring technicians preparing surfaces in accordance with pre-determined work orders where assessment of preparation needs would already have taken place.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking flooring work. Industry standards and codes of practice within Australia must also be applied. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for work	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Read documentation and identify work requirements and process

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Select and check tools, equipment and materials for suitability, serviceability and safety prior to use 1.4 Identify required sources and types of power supply 1.5 Plan sequence of work, including the starting point, to ensure work is completed in logical order
2. Clean and prepare subfloor	2.1 Select, correctly fit and use personal protective equipment in accordance with nature of preparation task 2.2 Safely remove fittings and fixtures from the subfloor and store for future use 2.3 Clear subfloor of loose debris and dirt, and clean using processes suited to the floor type
3. Treat the subfloor	3.1 Select work sequence and starting point 3.2 Prepare perimeter using light equipment and appropriate cutter 3.3 Prepare main area to the required standard using selected powered equipment in accordance with manufacturer specifications 3.4 Clean floor area, inspect and re-work as required to meet job requirements
4. Complete housekeeping	4.1 Store or recycle unused materials in accordance with workplace procedures 4.2 Check, clean and store tools and equipment in accordance with workplace procedures 4.3 Clean work area and dispose of rubbish safely 4.4 Accurately complete required workplace documentation

Foundation Skills

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

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MSFFL2035 Mechanically prepare surfaces for installation of flooring materials

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- prepared 2 surfaces in accordance with finish requirements using powered floor preparation equipment, with at least one being a grinding preparation.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- how to identify subfloors where specialist preparation is required and the different types of preparation methods available to achieve the required surface quality
- floor preparation using equipment:
 - organisational and site standards, requirements, policies and procedures
 - Australian Standards requirements
 - workplace safety system requirements
 - how to access manufacturer instructions
 - environmental protection and sustainability requirements
 - work flow for different types of floor preparation
- types, characteristics, uses, and limitations of different floor preparation equipment, including how to operate equipment used for:
 - floor demolition
 - grinding – single headed, double-headed, planetary action (tooling selection requirements)
 - scarifying
 - shot blasting
 - sanding with rotary floor sander
- fixtures and fittings that need to be removed prior to surface preparation
- when wet method cleaning is required prior to mechanical methods being used

- cleaning products suited to different types of contaminant and how they are used
- processes for clean-up and disposal of waste slurry
- procedures for the recording, reporting and maintenance of workplace records and information.
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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:
 - floors requiring preparation
 - grinding equipment
 - surfaces to be prepared
 - work orders
 - workplace procedures.

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

Links

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