



Australian Government

MSFFL3001 Plan and cost flooring technology work

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers identifying and analysing work requirements to plan a wide range of flooring work, including identification of all resources, and to cost the work as a part of a tender or quotation.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 1 | Identify and analyse work requirements | 1.1 | Applicable work health and safety (WHS), legislative and organisational requirements and Australian Standards relevant to the planning and costing of flooring technology work are verified and complied with |
| | | 1.2 | Details of customer requirements are obtained through discussion with customer or from information required |
| | | 1.3 | Details of the site conditions are confirmed from reports or physical inspection |
| | | 1.4 | Details of products and/or services required for the work are identified, developed and quantified |
| | | 1.5 | Delivery point and methods of transportation are determined |

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| | | 1.6 | Details are recorded in accordance with enterprise practice |
| 2 | Develop a work plan | 2.1 | The technical and material options for completing the work are identified and considered |
| | | 2.2 | The outline work proposal is confirmed with the client and amended as necessary |
| | | 2.3 | A detailed work plan is developed and recorded |
| 3 | Estimate materials, time and labour | 3.1 | Types and quantities of materials required for the work plan are calculated |
| | | 3.2 | Types and duration of usage of major tools and equipment required to support the work plan are calculated |
| | | 3.3 | Labour requirements to support the preparation for and implementation of the work plan are calculated |
| | | 3.4 | Time requirements to complete the work plan are estimated |
| 4 | Calculate costs | 4.1 | Total materials, labour and equipment costs are calculated in accordance with enterprise procedures |
| | | 4.2 | Total job cost is calculated, including overheads and mark-up percentages |
| | | 4.3 | Final cost to customer is calculated |
| 5 | Document details and verify, where necessary | 5.1 | Details of job costs and charges are documented in accordance with enterprise practice |
| | | 5.2 | Calculations, costs or other details are verified in accordance with enterprise practice |
| | | 5.3 | Customer quotation is prepared |
| | | 5.4 | Details are documented for future reference in accordance with enterprise practice |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit context includes:

- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
- work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
- work requires individuals to demonstrate some discretion, judgement and problem solving

Australian Standards include:

- AS/NZS 2455.1:2007 Textile floor coverings - Installation practice - General
- AS 1884-2012 Floor coverings - Resilient sheet and tiles - Installation practices

Site conditions include:

- access requirements
- building project status
- power supply
- lighting
- temperature
- humidity
- heating/cooling requirements
- ventilation
- other site-based activities and security arrangements

Detailed work plan includes:

- a plan with sufficient detail for an auditable costing of the work covering:
 - work area isolation/protection
 - work permits, as applicable
 - work timings and program

Materials include:

- floor preparation
- covering/installation
- finishing
- personnel and timings by labour type
- transportation methods and costs
- floor preparation materials:
 - primers
 - cementitious products
 - aggregates
 - sands
- carpeting materials:
 - floor covering protection materials
 - underlay
 - carpet cushion
 - gripper strips
 - metal mouldings
 - PVC fittings
 - carpet
 - adhesives
 - primers
- resilient flooring materials:
 - floor covering protection materials
 - linoleum
 - vinyl
 - rubber
 - adhesives
 - primers
 - PVC and metal mouldings
- polishing and finishing materials:
 - floor covering protection materials
 - coatings
 - catalysts
 - fillers
 - discs
 - belts
 - other consumables
- timber flooring materials:
 - floor covering protection materials
 - timber product

Tools and equipment include:

- fixings
- floor preparation:
 - grinders
 - scarifiers
 - demolition equipment
 - compressors
 - generators
- carpet laying and resilient flooring operations:
 - hoisting and cartage
 - generators
 - compressors
- polishing and finishing operations:
 - edge sander
 - floor sander (belt or split drum)
 - rotary sander
 - orbital sander
 - generators
 - compressors
- timber flooring:
 - nail gun
 - generators
 - compressors

Labour requirements include:

- normal and overtime estimates and include both direct and indirect costs covering employees and contractors

Information and procedures include:

- industry codes and symbols
- product designs, patterns and prototypes
- building/architectural plans
- Australian, international and enterprise quality standards and procedures
- work scheduling documentation
- job procedures
- workplace procedures relating to reporting and communication
- manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFFL2001A Plan and cost flooring technology work

Links

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