



Australian Government

MSFFL3009 Install custom design carpet and decorative finishes

Release: 1

MSFFL3009 Install custom design carpet and decorative finishes

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers installing carpet floor coverings containing logos, motifs and custom design concepts to walls and floors, including preparation, layout, stretching, cutting, joining and finishing of carpet.

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. 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

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 | Prepare for installation | 1.1 | Applicable work health and safety (WHS), legislative and organisational requirements relevant to the installation of custom design carpet floor coverings are verified and complied with |
| | | 1.2 | Instructions and/or plans are read and interpreted to identify process required to complete work tasks |
| | | 1.3 | Resources required in terms of labour, equipment, materials and time are assessed |
| | | 1.4 | Tools, equipment and materials are selected and checked prior to use to ensure that they are appropriate for the work, serviceable and in a safe condition |

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| | | 1.5 | Sequence of work is planned, including the starting point, to ensure efficiency and quality of installation |
| 2 | Set out materials | 2.1 | The carpet to be installed and design requirements are checked against work orders |
| | | 2.2 | Carpet is acclimatised according to manufacturer recommendations |
| | | 2.3 | Type of perimeter finishing, joining materials, gripper strips, metal mouldings and cover strips are selected following specification or work order |
| | | 2.4 | Underlay gripper strips and metal mouldings are inspected to confirm correct fitting |
| | | 2.5 | Work area is cleared of scraps or other contaminants |
| | | 2.6 | Work lines and starting point are established |
| 3 | Install carpet | 3.1 | Instructions and sequence for laying and fixing are followed |
| | | 3.2 | Patterns, motifs, logos and custom design requirements are set out |
| | | 3.3 | Carpet pieces are laid out and checked for size, direction of pile and pattern match |
| | | 3.4 | Carpet pieces are accurately and clearly marked for cutting |
| | | 3.5 | Carpet pieces are cut to required shape with minimum waste of materials |
| | | 3.6 | Carpet pieces are joined using joining and installation methods appropriate to the installation system being used |
| | | 3.7 | Carpet installation methods are to follow manufacturer instructions and Australian Standards |
| | | 3.8 | Cover and finishing strips are suitably fixed for the type of installation method, floor covering and sub-floor |
| | | 3.9 | Complete installation is checked for flaws in installation and materials and faults rectified |
| | | 3.10 | Floor covering protection is installed in accordance with |

			specifications
4	Complete housekeeping	4.1	Unused materials are stored or recycled as required
		4.2	Tools and equipment are cleaned and stored appropriately
		4.3	Work area is cleaned and rubbish disposed of appropriately
		4.4	Workplace documentation is completed

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
Custom design carpet floor coverings include:	• tufted carpet • woven carpet • fusion-bonded carpet • needle punch carpet • PVC-backed carpet • bonded foam underlay • styrene-butadiene rubber (SBR) foam underlay

Tools and equipment include:

- needle punched fibre underlay
- carpet knee kicker
- power stretcher
- carpet stair tool
- hand trucks
- carpet trolleys
- hammer
- utility knife
- hook knife
- carpet wall trimmer
- heat seam iron
- spiked carpet roller
- weight or seam roller
- awl
- carpet spreader
- carpet shears
- napping shears
- loop pile cutter
- cushion backed cutter
- moulding lifter
- sewing needle

Materials include:

- architectural carpet gripper strips
- metal mouldings and PVC trims
- heat seam tape
- hessian tape
- thread
- adhesives

Personal protective equipment includes:

- that prescribed under legislation, regulations and enterprise policies and practices

Information and procedures include:

- workplace procedures relating to the use of tools and equipment
- work instructions, including job sheets, cutting lists, plans, drawings and designs
- workplace procedures relating to reporting and communication
- manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFFL3205A Install custom design carpet and decorative finishes

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 MSFFL3009 Install custom design carpet and decorative finishes

Modification History

Release 1 - New unit of competency

Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Complete a minimum of:
 - one (1) installation of a needle punch carpet to wall or floor, containing a logo/motif using adhesive-bonded installation systems
 - one (1) installation of a tufted carpet containing a motif and custom design concepts using the carpet gripper strip system of installation
 - one (1) installation of a woven carpet containing a motif and custom design concepts (bordered installation) and pattern matching, using the dual-bond system of installation
 - one (1) installation of PVC-backed carpet to a floor containing a logo/motif and custom design concepts using adhesive bonded installation systems
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the installation of custom design carpet and decorative finishes
- Organisational and site standards, requirements, policies and procedures for the installing of custom design carpet
- Environmental protection requirements
- Established communication channels and protocols
- Relevant problem identification and resolution

- Types of tools and equipment and procedures for their safe use, operation and maintenance
- Characteristics of materials, products and defects
- Set-up and operation of equipment
- Products assembly techniques
- Procedures for the recording, reporting and maintenance of workplace records and information
- Appropriate mathematical procedures for estimation and measurement
- Characteristics and requirements for underlays
- Types, characteristics, uses and limitations of pattern carpets
- Types and uses of carpet installation tools, equipment and materials
- Techniques for:
 - stretching and joining carpet
 - adhesive bonding and joining of carpet
- The use of hook and loop fastening tape and equivalent systems
- Workplace safety system requirements related to carpet installation
- Work flow in relation to preparation, layout, stretching, cutting and finishing of carpet

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 materials, equipment and specifications relevant to installing custom design carpet and decorative finishes.

Links

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