



Australian Government

MSFFL3007 Install commercial carpet floor coverings

Release: 1

MSFFL3007 Install commercial carpet floor coverings

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers installing commercial grade carpet to multiple connecting rooms, large commercial areas, multi-storey buildings, including preparation, cutting, laying out, joining, power stretching and finishing of carpet floor coverings.

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.

1 Prepare for installation

1.1 Applicable work health and safety (WHS), legislative and organisational requirements relevant to installing commercial carpet floor coverings are verified and complied with

1.2 Instructions and/or plans are read and interpreted to identify the process required to complete work tasks

1.3 Resources required in terms of labour, equipment, materials, transport, site loading and hoisting, storage facilities, air conditioning, heating, lighting, power supply, security 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
		1.5	Sequence of work is planned, including the starting point, to ensure efficiency and quality of installation
2	Set out materials	2.1	Carpet to be installed is checked against work order
		2.2	Commercial carpet floor coverings are acclimatised according to manufacturer recommendations
		2.3	Type of perimeter finishing, joining materials, gripper strip, 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	Working lines and starting point are established
3	Lay carpet	3.1	Instructions and sequence for laying and fixing are followed
		3.2	Carpet pieces are laid out and checked for size, direction of pile
		3.3	Stretching equipment, joining and fixing methods are used following manufacturer instructions and Australian Standards
		3.4	Cover and finishing strips are suitably fixed for the type of sub-floor
		3.5	Protective coverings are installed as specified
		3.6	Finished work is inspected for compliance with work order, workplace and Australian Standards of finish
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.

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|---|---|
| Unit context includes: | <ul style="list-style-type: none">• 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 |
| Commercial carpet floor coverings include: | <ul style="list-style-type: none">• tufted carpet• woven carpet• fusion-bonded carpet |
| Tools and equipment include: | <ul style="list-style-type: none">• 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:**
- commercial 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 LMFFL3203A Install commercial carpet floor coverings

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 MSFFL3007 Install commercial carpet floor coverings

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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) commercial tufted carpet installation using the carpet gripper strip system to an area containing at least three (3) rooms connected by a common corridor, including at least three (3) seam joins and three (3) cross joins
 - one (1) commercial woven carpet installation using the carpet gripper strip system to an area containing at least three and a half (3.5) broadloom widths of carpet by approximately ten (10) metres in length and including at least one (1) cross join
 - one (1) commercial tufted carpet installation using the carpet gripper strip system to an area of a minimum of fifteen (15) lineal metres by twelve (12) lineal metres containing a lift lobby or similar obstacle
- 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 installation of commercial carpet
- Organisational and site standards, requirements, policies and procedures for the installation of commercial 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
- Procedures for the recording, reporting and maintenance of workplace records and information
- Appropriate mathematical procedures for estimation and measurement
- Characteristics and requirements for underlays
- Type, characteristics, uses and limitations of commercial carpets
- Techniques for:
 - stretching and joining 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 laying commercial carpet floor coverings.

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