Australian Government

Department of Education, Employment and Workplace Relations

CPCCCA3013A Install lining, panelling and moulding

Release: 1

CPCCCA3013A Install lining, panelling and moulding

Modification History

Not Applicable

Unit Descriptor

Unit descriptor This unit of competency specifies the outcomes required to prepare, set out and install lining and panelling to either masonry or timber/metal framed walls. It includes the installation of mouldings to provide decorative finishes.

Application of the Unit

Application of the unit This unit of competency supports achievement of skills for lining, panelling and installing mouldings to walls in a range of construction projects, which includes working with others and as a member of a team.

Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry

Employability Skills Information

Employability skills	This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Plan and prepare.	1.1. Work instructions, including plans, specifications, quality requirements and operational details, are obtained, confirmed and applied from relevant ***information*** for ***planning and preparation*** purposes. 1.2. ***Safety*** (***OHS***) requirements are followed in accordance with safety plans and policies. 1.3. Signage and barricade requirements are identified and implemented. 1.4. Plant, ***tools and equipment*** selected to carry out ***lining*** and ***moulding*** installation tasks are consistent with job requirements, checked for serviceability, and any faults are rectified or reported prior to commencement. 1.5. Material quantity requirements are calculated in accordance with plans, specifications and ***quality requirements***. 1.6. ***Materials*** appropriate to the work application are identified, obtained, prepared, safely handled and located ready for use. 1.7. ***Environmental requirements*** are identified for the project in accordance with environmental plans and ***statutory and regulatory authority*** obligations, and are applied.
2. Prepare surface for lining/panelling.	2.1. Fixing procedures for specified lining materials are selected in accordance with specifications. 2.2. ***Surface*** is set out to provide a balanced panel or board effect to width and height.
3. Install lining/panelling.	3.1. Lining material is marked, cut to length and/or shape, fitted and positioned to specifications. 3.2. Panelling/lining is secured and fixed to job and manufacturer specifications. 3.3. Panelling/lining is installed to plumb, level and uniform plane.
4. Cut and fix standard architrave mouldings.	4.1. Standard ***architraves*** for ***edging*** are marked, cut to length, positioned and fitted to specifications. 4.2. Skirtings are marked, cut to length, positioned and fitted to specifications. 4.3. Mitre ***joints*** are fitted flush to face and true without gaps. 4.4. Scribed joints are marked, cut to length, positioned

ELEMENT	PERFORMANCE CRITERIA
	and fitted to specifications. 4.5. Scotia return end is cut to profile shape and length as detailed for location in drawings and specifications. 4.6. Standard pelmet moulding sections are marked to length, cut, fitted and assembled and fixed to specifications with mitres true without gaps. 4.7. Raked moulding is set out to position and mould is shaped to pattern for each position.
5. Clean up.	5.1. Work area is cleared and materials disposed of, reused or recycled in accordance with legislation, regulations, codes of practice and job specification. 5.2. Plant, tools and equipment are cleaned, checked, maintained and stored in accordance with manufacturer recommendations and standard work practices.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

Required skills for this unit are:

- communication skills to:
  - determine requirements
  - enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
  - follow instructions
  - read and interpret:
    - documentation from a variety of sources
    - plans, specifications and drawings
  - report faults
  - use language and concepts appropriate to cultural differences
  - use and interpret non-verbal communication, such as hand signals
- numeracy skills to apply measurements and make calculations
- organisational skills, including the ability to plan and set out work

REQUIRED SKILLS AND KNOWLEDGE

- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities
- technological skills to:
  - use a range of mobile technology, such as two-way radio and mobile phones
  - voice and hand signals to access and understand site-specific instructions.

Required knowledge

Required knowledge for this unit is:

- commonly used timber profiles
- construction terminology
- geometry for raking mouldings, stairs and roofing
- job safety analysis (JSA) and safe work method statements
- lining, panelling and moulding materials
- lining, panelling and moulding techniques
- material safety data sheets (MSDS)
- materials storage and environmentally friendly waste management
- plans, specifications and drawings
- plant, tools and equipment types, characteristics, uses and limitation
- processes for the calculation of material requirements
- quality requirements of lining, panelling and moulding
- workplace and equipment safety requirements.

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment	This unit of competency could be assessed in the workplace or a close simulation of the workplace environment, provided that simulated or project-based assessment techniques fully replicate construction workplace conditions, materials, activities, responsibilities and procedures.
Critical aspects for assessment	A person who demonstrates competency in this

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and evidence required to demonstrate competency in this unit	unit must be able to provide evidence of the ability to: • locate, interpret and apply relevant information, standards and specifications • comply with site safety plan, OHS regulations and state and territory legislation applicable to workplace operations • comply with organisational policies and procedures, including quality requirements • safely and effectively use tools, plant and equipment • communicate and work effectively and safely with others • complete lining one wall to a minimum of 3 metres by 2.4 metres, with lining boards including one opening to specifications • complete lining one wall to a minimum of 3 metres by 2.4 metres, with sheet panelling including one opening to specifications • complete fitting profiled architraves to a minimum of one door or one window or a combination of both, with specified margins and tight fitting mitre joints • complete cutting and fixing a profiled skirting with a minimum of one internal scribed joint and one external mitre joint with tight fitting joints • complete scribing and mitring a Scotia, quad and colonial architrave with a minimum of one internal joint and one external mitre joint with tight fitting joints • construct a pelmet with two return ends able to be fixed and removed upon completion • construct a raking mould using either an internal scribed or external mitre joint with tight fitting joints.
Context of and specific resources for assessment	This competency is to be assessed using standard and authorised work practices, safety requirements and environmental constraints. Assessment of essential underpinning knowledge will usually be conducted in an off-site context. Assessment is to comply with relevant regulatory

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	or Australian standards' requirements. Resource implications for assessment include: • an induction procedure and requirement • realistic tasks or simulated tasks covering the mandatory task requirements • relevant specifications and work instructions • tools and equipment appropriate to applying safe work practices • support materials appropriate to activity • workplace instructions relating to safe work practices and addressing hazards and emergencies • material safety data sheets • research resources, including industry related systems information. Reasonable adjustments for people with disabilities must be made to assessment processes where required. This could include access to modified equipment and other physical resources, and the provision of appropriate assessment support.
Method of assessment	Assessment methods must: • satisfy the endorsed Assessment Guidelines of the Construction, Plumbing and Services Training Package • include direct observation of tasks in real or simulated work conditions, with questioning to confirm the ability to consistently identify and correctly interpret the essential underpinning knowledge required for practical application • reinforce the integration of employability skills with workplace tasks and job roles • confirm that competency is verified and able to be transferred to other circumstances and environments. Validity and sufficiency of evidence requires that: • competency will need to be demonstrated over a period of time reflecting the scope of the role and the practical requirements of the workplace • where the assessment is part of a structured

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	learning experience the evidence collected must relate to a number of performances assessed at different points in time and separated by further learning and practice, with a decision on competency only taken at the point when the assessor has complete confidence in the person's demonstrated ability and applied knowledge • all assessment that is part of a structured learning experience must include a combination of direct, indirect and supplementary evidence. Assessment processes and techniques should as far as is practical take into account the language, literacy and numeracy capacity of the candidate in relation to the competency being assessed. Supplementary evidence of competency may be obtained from relevant authenticated documentation from third parties, such as existing supervisors, team leaders or specialist training staff.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Information includes:	• diagrams or sketches • instructions issued by authorised organisational or external personnel • manufacturer specifications and instructions where specified • memos • MSDS • organisation work specifications and requirements

RANGE STATEMENT

	• plans and specifications • regulatory and legislative requirements pertaining to installing lining, panelling and moulding • relevant Australian standards • safe work procedures related to installing lining, panelling and moulding • signage • verbal or written and graphical instructions • work bulletins • work schedules.
Planning and preparation include:	• work site inspection • equipment defect identification • assessment of conditions and hazards • determination of work requirements.

Safety (***OHS***) is to be in accordance with state or territory legislation, regulations, codes of practice, organisational safety policies and procedures, and project safety plan and may include:	• emergency procedures, including extinguishing fires, organisational first aid requirements and evacuation
	• handling of materials
	• hazard control
	• hazardous materials and substances
	• safe operating procedures, including the conduct of operational risk assessment and treatments associated with:
	  • earth leakage boxes
	  • lighting
	  • power cables, including overhead service trays, cables and conduits
	  • restricted access barriers
	  • surrounding structures
	  • traffic control
	  • trip hazards
	  • work site visitors and the public
	  • working at heights
	  • working in confined spaces
	  • working in proximity to others
	  • working with dangerous materials
	• organisational first aid
	• personal protective clothing and equipment prescribed under legislation, regulations and workplace policies and practices

RANGE STATEMENT

	• use of firefighting equipment • use of tools and equipment • workplace environment and safety.
Tools and equipment include:	• air compressors and hoses • bevels • chisels • coping saws • corking guns • cramps • hammers • hand planes • hand saws • marking equipment • measuring tapes and rules • moulding planes • nail guns • power drills • power leads • power planers • power saws • rebate planes • routers • saw stools • spirit levels • squares (combination/tri) • straight edges • string lines.
Lining of framed walling or battened surfaces provides a finished surface and includes:	• all moulding applications where joining occurs at surface intersections and involves change of levels and mouldings running at a slope or rake. • junctions of surfaces, which may be at right angles or obtuse or acute angles • lining boards, which may be vertical, horizontal or raked.
Moulding includes:	• beading (flat, quad, cover strips and nosings) • bull nosed • multi-curved • ornate period profile • Scotia • splayed

RANGE STATEMENT

	• square.
Quality requirements include relevant regulations, including:	• Australian standards • internal company quality policy and standards • manufacturer specifications, where specified • workplace operations and procedures.
Materials include:	• lining, panelling, mouldings, nails, screws, adhesives and gap fillers • lining and panelling sheet materials, including lining boards, veneer panelling, plywood, hardboard, MDF board, particle board and fibre cement board.
Environmental requirements include:	• clean-up protection • noise and dust • vibration • waste management.
Statutory and regulatory authorities include:	• federal, state and local authorities administering applicable Acts, regulations and codes of practice.

Surfaces include:	• floors, walls, ceilings, windows, door frames and jambs, built-in cupboards, built-in robes, fitments and stairs
	• preparation of surfaces may involve:
	  • fixing of battens to surface
	  • trimming of frame members to line
	  • fixing of additional noggings
	  • packing of frame members
	  • wedging of frame members.

Architraves include:	• may incorporate a plinth block.
Edging includes:	• architrave • cornice • raking moulds • skirting.
Joints include:	• butt or moulds (of plastic, metal or timber) incorporated in the joint or surface fixed above the joints.

Unit Sector(s)

Unit sector Construction

Co-requisite units

Co-requisite units Nil

Functional area

Functional area