



Australian Government

Department of Education, Employment and Workplace Relations

CPCCSP2002A Use solid plastering tools and equipment

Release: 1

CPCCS2002A Use solid plastering tools and equipment

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit of competency specifies the outcomes required to use solid plastering tools, plant and equipment.

It includes the identification, selection and safe use of a range of commonly used solid plastering tools, plant and equipment and the storage and user maintenance of these.

Application of the Unit

Application of the unit

This unit supports the attainment of skills and knowledge to safely and effectively use a range of solid plastering tools, plant and equipment, 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.	<p>1.1. Work instructions, including plans, specifications, quality requirements and operational details are obtained from relevant <i>information</i>, confirmed and applied to the range of <i>plant, tools and equipment</i> used.</p> <p>1.2. <i>Safety (OHS)</i> requirements are followed in accordance with safety plans and policies.</p> <p>1.3. Signage and barricade requirements are identified and implemented. in accordance with <i>quality requirements</i>.</p> <p>1.4. <i>Materials</i> appropriate to the work application are identified, obtained, prepared, safely handled and located ready for use.</p> <p>1.5. <i>Environmental requirements</i> are identified for the project in accordance with environmental plans and <i>statutory and legislative authority</i> obligations and applied.</p>
2. Identify hand and power tools.	<p>2.1. Hand and power tools and their functions, operations and limitations are identified.</p> <p>2.2. OHS requirements for using hand tools are recognised and adhered to.</p> <p>2.3. OHS requirements for using power tools are recognised and adhered to.</p>
3. Select tools for project.	<p>3.1. Tools are selected consistent with job requirements.</p> <p>3.2. Tools, including leads and hoses, are checked for tags, serviceability and safety, and any faults are rectified or reported.</p> <p>3.3. Power tools guards, retaining bolts, couplings, gauges and controls are checked and maintained in accordance with manufacturer recommendations.</p> <p>3.4. Equipment to hold or support material during operation is selected.</p> <p>3.5. Pre-operational checks, including lubricants, hydraulic fluid and water, are completed according to manufacturer recommendations.</p>
4. Use tools.	<p>4.1. Power and compressed air supply are connected to work area.</p> <p>4.2. Start-up and shut-down procedures are followed.</p> <p>4.3. Tools are safely and effectively used according to manufacturer recommendations and OHS</p>

ELEMENT	PERFORMANCE CRITERIA
	requirements.
	4.4. Tools are safely located when not in immediate use.
5. Select plant and equipment.	5.1. Function and limitations of plant and equipment used in solid plastering are identified.
	5.2. Plant and equipment are selected consistent with hazard minimisation and needs of job.
	5.3. Method of operation of plant and equipment is identified.
	5.4. OHS requirements for operating and using plant and equipment are recognised and adhered to.
	5.5. Plant and equipment are checked for safety, and faults are rectified or reported.
6. Use plant and equipment.	6.1. Plant and equipment are safely and effectively used.
	6.2. Plant and equipment are safely located when not in immediate use.
	6.3. Plant and equipment are cleaned, maintained and stored after use.
7. Clean up.	7.1. Work area is cleared and materials disposed of, reused or recycled in accordance with legislation, regulations, codes of practice and job specification.
	7.2. 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
 - follow instructions
 - read and interpret:
 - documentation from a variety of sources

REQUIRED SKILLS AND KNOWLEDGE

- drawings and specifications
- report faults
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
- organisational skills, including the ability to plan and set out work
- 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:

- job safety analysis (JSA) and safe work method statements
- material safety data sheets (MSDS)
- materials storage and environmentally friendly waste management
- plans, drawings and specifications
- quality requirements
- systems and techniques for safe handling of materials
- types, characteristics, uses and limitations of:
 - solid plastering hand tools
 - solid plastering materials
 - solid plastering power tools
 - solid plastering plant items
- wall and ceiling industry terminology
- 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 and evidence required to demonstrate competency in this unit

A person who demonstrates competency in this unit must be able to provide evidence of the ability to:

- locate, interpret and apply of relevant information, standards and specifications
- comply with site safety plan and OHS legislation, regulations and codes of practice applicable to workplace operations
- comply with organisational policies and procedures, including quality requirements
- communicate and work effectively and safely with others
- select, use and maintain the tools and equipment listed in the range statement
- select, use and perform operator maintenance of the plant listed in the range statement.

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 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

EVIDENCE GUIDE

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 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

EVIDENCE GUIDE

- 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
- MSDS
- memos
- regulatory and legislative requirements pertaining to the use of solid plastering tools and equipment
- relevant Australian standards
- safe work procedures relating to solid plastering tools and equipment
- signage
- verbal, written and graphical instructions
- work bulletins

RANGE STATEMENT

Plant, tools and equipment:

- work schedules, plans and specifications.
- general tools include:
 - brushes
 - hammers
 - measuring tapes and rules
 - scaffolding and work platforms
 - screed boards
 - trowels
- power tools include:
 - power grinders
 - power mixers
 - power saws
- plant includes:
 - earth leakage protection
 - lighting sets and power routers
 - power actuated fasteners
 - small compressors, air operated
 - small petrol or diesel engine driven generators
- levelling devices include:
 - line level
 - spirit level
 - straight edge
 - string line
 - water level and laser
- hand tool processes include:
 - boring and shaping of material
 - cutting
 - marking and levelling
 - material shifting and holding
 - placing and finishing concrete and mortar products
 - planing
 - setting out.
- emergency procedures, including extinguishing fires, organisational first aid requirements and evacuation
- handling activities that may require the assistance of others or the use of manual or

Safety (OHS) is to be in accordance with state and territory legislation and regulations and project safety plan and may

RANGE STATEMENT

include:

mechanical lifting devices where size, weight or other issues, such as a disability are a factor

- hazard control
- hazardous materials and substances, including cement and curing agents
- organisational first aid
- PPE prescribed under legislation, regulations and workplace policies and practices
- safe operating procedures, including the conduct of operational risk assessment and treatments associated with:
 - lighting
 - power equipment
 - power leads and sources
 - trip hazards
 - work site visitors and the public
 - working in confined spaces
 - working in proximity to others
 - working with cutting edges
- use of firefighting equipment
- use of tools and equipment
- workplace environmental requirements and safety.

Quality requirements include relevant regulations, including:

- Australian standards
- internal company quality policy and standards
- manufacturer specifications
- workplace operations and procedures.

Materials include:

- casing beads
- corner beads
- fasteners
- finish coats
- lime
- lime putty
- plaster compounds
- render and setting coats mix composition, including additives such as plasticisers, colour and waterproofing agents
- sand
- timber or metal lathing.

Environmental requirements

- clean-up management

RANGE STATEMENT

include:

- dust and noise
- stormwater protection
- vibration
- waste management.
- federal, state and local authorities administering the applicable Acts, regulations and codes of practice.

Statutory and regulatory authorities include:

Unit Sector(s)

Unit sector Construction

Co-requisite units

Co-requisite units Nil

Functional area

Functional area