



Australian Government

Department of Education, Employment and Workplace Relations

CPCCSP2003A Prepare surfaces for plastering

Release: 1

CPCCSP2003A Prepare surfaces for plastering

Modification History

Not Applicable

Unit Descriptor

Unit descriptor This unit of competency specifies the outcomes required to prepare surfaces to accept a new skin of lining materials.

It includes planning and preparation for work, producing a level and plumb surface through sanding and grinding, patching, levelling, packing, filling and finishing, and post work clean-up.

Application of the Unit

Application of the unit This unit supports the attainment of skills and knowledge to prepare a range of construction surfaces for solid plastering application, 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 information, confirmed and applied to the scope of work performed.</p> <p>1.2. Safety (OHS) requirements are followed in accordance with safety plans and policies.</p> <p>1.3. Signage and barricade requirements are identified and implemented.</p> <p>1.4. Tools and equipment selected to carry out tasks are consistent with the requirements of the job, checked for serviceability and any faults are rectified or reported prior to commencement.</p> <p>1.5. Materials quantity requirements are calculated in accordance with plans, specifications and quality requirements.</p> <p>1.6. Materials appropriate to the work application are identified, obtained, prepared, safely handled and located ready for use.</p> <p>1.7. Environmental requirements are identified for the project in accordance with environmental plans and statutory and legislative authority obligations and applied.</p>
2. Prepare surface.	<p>2.1. Preparation requirements are identified from site inspection, plans and specifications.</p> <p>2.2. Hazards, obstructions and attachments are removed, or arrangements made for their removal.</p> <p>2.3. Surface preparation tools are selected and set up in accordance with surface condition and job requirements.</p> <p>2.4. Tools are used to prepare surface in accordance with manufacturer specifications and job requirements.</p> <p>2.5. Loose or protruding material is removed by sander or grinder and brush so that surface is prepared to specification.</p>
3. Patch and fill holes and depressions.	<p>3.1. Patching method of hole is determined from type of material surface, size of hole, compatibility of materials and planned finish.</p> <p>3.2. Patching materials are selected to suit material surface and are mixed to manufacturer specifications.</p> <p>3.3. Material is applied to manufacturer specifications using appropriate application method.</p>

ELEMENT	PERFORMANCE CRITERIA
	3.4. Surface is brushed, washed and scraped clean of surplus material in accordance with type of patching material and material surface.
	3.5. Patched areas are sealed by application of prime or sealing coat, to suit requirements of specified finishes.
4. Clean up.	4.1. Work area is cleared and materials disposed of, reused or recycled in accordance with legislation, regulations, codes of practice and job specification.
	4.2. 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
 - 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
- numeracy skills to apply measurements and calculations
- 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:

REQUIRED SKILLS AND KNOWLEDGE

- 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
- plastering and wall and ceiling terminology
- processes for the calculation of material requirements
- quality requirements
- surface preparation techniques, including sanding, planing, levelling, packing, patching and filling
- surface preparation tools and equipment types, characteristics, uses and limitations
- types, uses and limitations of surface preparation materials
- 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
- safely and effectively use tools and equipment
- communicate and work effectively and safely with others
- prepare surfaces for plastering for either solid plastering (masonry or concrete) or sheet plastering (timber, steel or masonry) including:
 - both wall and ceiling surfaces to a level and plumb surface finish
 - patching or filling holes and depressions.

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

EVIDENCE GUIDE

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 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

EVIDENCE GUIDE

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
- MSDS
- memos
- regulatory and legislative requirements pertaining to the preparation of surfaces for plastering
- relevant Australian standards
- safe work procedures relating to the preparation of surfaces for plastering

RANGE STATEMENT

Scope of work:

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

- signage
- verbal, written and graphical instructions
- work bulletins
- work schedules, plans and specifications.
- surface preparations include preparation for solid plastering and sheet plastering or lining material, and may include pre-cast cladding
- surfaces may include timber, plasterboard and plasterglass, masonry, brick, metal (ferrous and non-ferrous), concrete and solid plaster.
- 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 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
- use of firefighting equipment
- use of tools and equipment
- workplace environmental requirements and safety.

Tools and equipment:

- include:
 - brooms
 - brushes
 - buckets

RANGE STATEMENT

- chisels
- filling blades
- hammers
- power grinders
- power sanders
- sanding blocks
- scrapers
- shovels
- sponges
- trowels
- may include:
 - elevated work platforms
 - hoses
 - ladders
 - planks
 - trestles
 - water sprayers.

Materials include:

- caulking compounds
- cellulose and plaster
- lime putty
- plaster
- proprietary fillers
- sand and cement
- sheet material.

Quality requirements include relevant regulations, including:

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

Environmental requirements include:

- clean-up management
- dust and noise
- stormwater protection
- vibration
- waste management.

Statutory and regulatory authorities include:

- federal, state and local authorities administering the applicable Acts, regulations and codes of practice.

Unit Sector(s)

Unit sector Construction

Co-requisite units

Co-requisite units Nil

Functional area

Functional area