



Australian Government

CPCCWP3005 Assess construction waterproofing processes

Release: 3

CPCCWP3005 Assess construction waterproofing processes

Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Change to Unit Sector.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCWP2003A Prepare for construction waterproofing process. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to assess waterproofing to differing types of wet areas in varying building situations, meeting all relevant requirements of Australian Standards, work health and safety (WHS), and Commonwealth and state or territory legislation.

A person working at this level would be expected to take responsibility for organising and completing tasks assigned to them without close supervision.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Unit Sector

Construction waterproofing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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|--|---|
| 1 Plan and prepare to assess construction waterproofing process. | 1.1 Read and interpret work instructions. |
| | 1.2 Select and use personal protective equipment (PPE). |
| | 1.3 Plan all work to comply with laws and regulations, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, workplace requirements, drawings and specifications. |
| | 1.4 Follow requirements of job safety analyses and safety data sheets. |
| 2 Assess waterproofing processes and materials. | 2.1 Assess selected waterproofing system for installation technique, product suitability, compatibility with substrate and required finishes, and conformity to codes and specifications. |
| | 2.2 Assess potential for water penetration, consequences of water penetration, and methods of water exclusion. |
| | 2.3 Determine method for installation of waterproofing. |
| | 2.4 Determine potential faults, contingencies and mitigation activities. |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCCWP2003A Prepare for construction waterproofing process

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCWP3005 Assess construction waterproofing processes

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Performance Evidence

To demonstrate competency, a candidate must satisfy all of the elements, performance criteria and foundation skills of this unit by assessing construction waterproofing processes for each of the following:

- an internal wet area
- an external wet area
- a below ground level wet area
- a remedial waterproofing project.

All work must be performed to the standard required in the workplace and must comply with laws and regulations, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications and workplace requirements.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- requirements of Australian Standards for assessing and preparing for construction waterproofing process
- safety requirements relevant to handling wall and floor tiling materials, including:
 - job safety analyses and/or safe work method statements in accordance with Safe Work Australia *Code of Practice for Construction Work* or state and/or territory equivalent
 - safety data sheets (SDS)
 - personal protective equipment (PPE)
 - handling of hazardous materials

- characteristics and applications of waterproofing materials and adhesives
- construction systems and waterproofing considerations and requirements
- types and uses of materials storage and environmentally-friendly waste management
- types and uses of plans, drawings and specifications for construction waterproofing
- types and uses of tools and equipment for construction waterproofing
- preparation for waterproofing processes and waterproofing techniques
- principles and considerations of water exclusion
- quality requirements for construction waterproofing
- waterproofing process materials:
 - durability
 - compatibility
 - applications
 - protection requirements.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

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