



Australian Government

CPCCPWP5006 Survey waterproofing systems

Release: 1

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Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 9.0.
Newly created unit.

Application

This unit of competency specifies the skills and knowledge required to conduct a survey of waterproofing systems and remedial recommendations for buildings.

The unit applies to Class 1 and 10 Buildings, and Class 2 to 9 Buildings.

The unit covers planning and preparing to conduct a survey of waterproofing systems, carrying out the survey of waterproofing systems, analysing report findings and making recommendations, and evaluating and communicating survey findings.

The unit is suitable for builders, building supervisors, building surveyors, building designers, architects, waterproofing design specialists, waterproofing supervisors, and consultants, engineers or other design specialists.

Licensing, legislative, regulatory or certification requirements may apply to this unit. Relevant work health and safety (WHS) state and territory regulatory authorities should be consulted to confirm jurisdictional requirements.

Pre-requisite Unit

Nil.

Unit Sector

Building and Construction

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. | 1.1 Determine scope of survey in consultation with stakeholders, reports and project brief, building works or structural specifications. |
| | 1.2 Gather and review design specifications and data sheets, manufacturers' information, drawings and waterproofing |

- contractors' scopes of work.
- 1.3 Assess site environmental conditions according to approved plans, including surface and sub-surface drainage.
 - 1.4 Confirm design complies with National Construction Code (NCC) performance requirements and Australian Standards.
 - 1.5 Determine tools, equipment and relevant technologies required for the survey according to site conditions.
 - 1.6 Develop the scope for the survey, including installation stages and compliance review.
2. Carry out survey.
- 2.1 Establish stage inspection protocols and benchmarks for compliance with design and manufacturers' specifications.
 - 2.2 Communicate survey procedures and timeframe in consultation with stakeholders.
 - 2.3 Conduct quality assurance inspections of the waterproofing systems, including substrate assessment for suitability, component installation and compliance with manufacturers' specifications.
 - 2.4 Identify latent conditions outside of the waterproofing system design.
 - 2.5 Determine if installation complies with design requirements and manufacturers' specifications.
 - 2.6 Record observations of survey of waterproofing systems for analysis.
3. Analyse survey report findings and make recommendations.
- 3.1 Review report findings and confirm installation complies with manufacturer's specifications, Australian Standards and NCC performance requirements.
 - 3.2 Identify and document any non-compliance regarding installation and deviation from design.
 - 3.3 Develop recommendations for remediation of non-compliances and any defects.

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| | 3.4 | Develop recommendations to remediate the latent conditions to assist with the remediation advice. |
| | 3.5 | Develop a report summary and quality control recommendations for stakeholders. |
| 4. Evaluate survey findings and communicate recommendations. | 4.1 | Review survey findings against waterproofing systems design. |
| | 4.2 | Review and confirm remediation of non-compliances and defects, including latent conditions. |
| | 4.3 | Review survey results to accommodate use of area at the highest risk level. |
| | 4.4 | Communicate survey findings and any recommendations to stakeholders. |

Foundation Skills

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

Unit Mapping Information

No equivalent unit.

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>