



**Australian Government**

# **CPCCON3055 Install topping slabs**

**Release: 3**

# CPCCON3055 Install topping slabs

## 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.  
Performance Evidence and Knowledge Evidence corrected.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.  
Supersedes and is equivalent to CPCCCO3055 Install topping slabs.

## Application

This unit of competency specifies the skills and knowledge required to install bonded and unbonded topping slabs to existing concrete. It includes grinding and scabbling preparation techniques.

A person who has achieved this unit of competency would be expected to take responsibility for organising and completing these tasks with a high degree of self-direction.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in some states and territories. For further information, check with the relevant regulatory authority.

Completion of the general construction induction training program, specified in the Safe Work Australia model *Code of Practice: Construction Work*, is required by anyone carrying out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

## Pre-requisite Unit

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

## Unit Sector

Concreting

## Elements and Performance Criteria

Elements describe the                      Performance criteria describe what needs to be done to

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| essential outcomes.                         | demonstrate achievement of the element.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1 Plan and prepare to install topping slab. | <ul style="list-style-type: none"><li>1.1 Interpret specifications for topping slab installation and clarify requirements with relevant persons.</li><li>1.2 Plan work tasks to comply with relevant legislation, regulations, standards, codes, work health and safety (WHS), environmental and workplace requirements.</li><li>1.3 Select and fit required personal protective equipment (PPE).</li><li>1.4 Inspect work site, assess hazards and apply risk controls, including required signage and barricades.</li><li>1.5 Select plant, tools and equipment, check for serviceability and rectify or report any faults.</li><li>1.6 Calculate and acquire material quantities to meet task specifications and safely locate materials ready for use.</li></ul> |
| 2 Prepare concrete for topping slab.        | <ul style="list-style-type: none"><li>2.1 Consult with relevant persons to determine need for concrete reinforcement and install any required reinforcement in accordance with specifications.</li><li>2.2 Select and check equipment required to prepare concrete for topping slab.</li><li>2.3 Scarify existing concrete using appropriate preparation techniques in accordance with specifications.</li><li>2.4 Clear loose particles and debris from surface to be topped.</li><li>2.5 Check existing joints in substrate to ensure they are carried through and reflected in proposed topping.</li></ul>                                                                                                                                                        |
| 3 Pour topping slab.                        | <ul style="list-style-type: none"><li>3.1 Prepare existing concrete surface for topping slab with bonded topping or separation material in accordance with specifications.</li><li>3.2 Pour topping slab onto existing concrete surface and screed to specifications.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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| 4 Cure and seal topping slab. | 4.1 | Use setting and apply curing agents and techniques to topping slab in accordance with specifications.                   |
|                               | 4.2 | Maintain curing and sealing for period stated in specifications.                                                        |
| 5 Clean up.                   |     |                                                                                                                         |
|                               | 5.1 | Clear work area and dispose of, reuse or recycle materials in accordance with regulatory and workplace requirements.    |
|                               | 5.2 | Clean, check, maintain and store plant, tools and equipment in accordance with manufacturer and workplace requirements. |

## 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 CPCCCO3055 Install topping slabs.

## 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>