



Australian Government

RIICRC317E Finish concrete pavements

Release: 1

RIICRC317E Finish concrete pavements

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to finish concrete pavements in civil construction, including applying float, trowel and texture and installing control joints, finishing edges and trowelling concrete.

It applies to those working in operational roles. They generally work under minimal supervision to undertake a broad range of tasks in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to finish concrete pavements	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to finish concrete pavement and confirm work activity is compliant 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Select and wear personal protective equipment according to site requirements 1.5 Identify, obtain, confirm and implement signage requirements 1.6 Select plant, tools and equipment required to carry out tasks and check for faults 1.7 Identify, address and report environmental issues and ground conditions
2. Finish concrete	2.1 Apply float and trowel after initial screeding according to job

ELEMENT	PERFORMANCE CRITERIA
	requirements 2.2 Apply mechanical trowelling to consolidate and densify concrete surface setting according to job requirements 2.3 Install control joints, finish edges and trowel concrete according to job requirements 2.4 Apply texture according to job requirements 2.5 Apply final trowel finish to concrete surface according to job requirements 2.6 Monitor movements and hazards and identify and communicate changes to work environment according to site requirements
3. Conduct clean-up activities	3.1 Clear work area and dispose of, reuse or recycle material according to site requirements 3.2 Clean, check, maintain and store plant, tools and equipment according to manufacturer specifications and site requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Numeracy	Calculates basic measurements including masses and dimensions
Self-management	Monitors and minimises own exposure to worksite risks and hazards during work activities

Unit Mapping Information

Supersedes and is equivalent to RIICRC317D Finish concrete pavements.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>