



Australian Government

RIICRC313E Conduct concrete road curing and texturing operations

Release: 1

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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 conduct concrete road curing and texturing operations in civil construction, including operating and maintaining texture and curing machines.

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.

Unit Sector

Civil Construction

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 conduct concrete road curing and texturing operations	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to conduct concrete road curing and texturing operations 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

ELEMENT	PERFORMANCE CRITERIA
	1.6 Select all plant, tools and equipment required to carry out tasks and check for faults
2. Set up and maintain texture and curer machine	2.1 Set up paver width and settings according to job requirements 2.2 Establish work area according to paving drawings and survey markings 2.3 Carry out pre-start and start-up procedures according to manufacturer specifications and site requirements 2.4 Check filters and sprays and confirm operation according to job requirements 2.5 Adjust stringline sensors according to job requirements
3. Operate texture and curer machine	3.1 Check for hazards around texture curing machine and implement controls as required 3.2 Adjust sensors and controls while paving according to job requirements 3.3 Use communication systems and hand signals according to job and site requirements 3.4 Check spray rates and confirm operation against job requirements 3.5 Check texture rake configuration and specified settings against job requirements
4. Carry out shut down and clean-up activities	4.1 Secure machine with safety supports according to manufacturer specifications and site requirements 4.2 Park and shut down machine according to manufacturer specifications and site requirements 4.3 Check and clean filters and nozzles according to manufacturer specifications and site requirements 4.4 Clean work area and dispose of, or recycle, materials according to site requirements 4.5 Clean, check, maintain and store plant and tools 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

SKILL	DESCRIPTION
	hazards during work activities

Unit Mapping Information

Supersedes and is equivalent to RIICRC313D Conduct concrete road curing and texturing operations.

Links

Companion Volume Implementation Guide is found on VETNet -

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