



Australian Government

RIICRC319E Saw and cut concrete pavements to initiate planned cracks

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 saw and cut concrete pavements to initiate planned cracks in civil construction, including marking out saw-cuts and operating concrete saws in the application process.

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 saw and cut concrete pavements to initiate planned cracks	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to initiate planned cracks in concrete pavements 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 and barrier

ELEMENT	PERFORMANCE CRITERIA
	requirements 1.6 Select and check for faults to plant, tools and equipment 1.7 Mark out saw-cuts according to job requirements
2. Select and operate concrete saw	2.1 Select concrete saw according to job and site requirements 2.2 Check equipment according to manufacturer specifications and site requirements and report faults 2.3 Assess concrete and determine required timing of saw-cut according to job requirements 2.4 Connect hoses to tool and cover trip hazards according to job and site requirements 2.5 Use concrete saw in application processes according to job and site requirements and confirm specified storage when not in use 2.6 Saw and cut to specified dimensions according to job requirements 2.7 Clean out and protect open cut according to site requirements 2.8 Complete saw cutting records according to site requirements 2.9 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 materials according to site requirements 3.2 Clean, check, maintain and store machinery, 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	<ul style="list-style-type: none"> Calculates basic measurements including masses and dimensions
Self-management	<ul style="list-style-type: none"> Monitors and minimises own exposure to worksite risks and hazards during work activities
Writing	<ul style="list-style-type: none"> Completes documentation using sector specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIICRC319D Saw and cut concrete pavements to initiate planned cracks.

Links

Companion Volume Implementation Guide is found on VETNet -

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