



**Australian Government**

# **RIICRC315E Use concreting materials and equipment**

**Release: 1**

# RIICRC315E Use concreting materials and equipment

## 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 use concreting materials and equipment in civil construction, including selecting, using and maintaining hand and power tools, plant and equipment.

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 use concreting materials and equipment	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to use concreting materials and equipment 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 Obtain and interpret emergency procedures, and identify steps

<b>ELEMENT</b>	<b>PERFORMANCE CRITERIA</b>
	required to respond to emergencies
2. Identify and select materials and tools	2.1 Identify and select concrete materials required for work tasks, and verify condition according to site requirements 2.3 Identify and select hand and power tools according to manufacturer specifications and job and site requirements 2.4 Check lubricants, hydraulic fluid and water according to manufacturer specifications and site requirements 2.5 Check tools and report faults according to manufacturer specifications and site requirements 2.6 Check power tool guards, retaining bolts, couplings, gauges and controls according to manufacturer specifications and site requirements 2.7 Select equipment required to hold or support material according to job and site requirements
3. Use and maintain materials and tools	3.1 Use concrete materials for specified task according to job and site requirements 3.2 Use hand tools for specified task and materials according to manufacturer specifications and job and site requirements 3.3 Use power tools for specified task and materials according to manufacturer specifications and job and site requirements 3.4 Sharpen and maintain tools according to manufacturer specifications and site requirements
4. Identify, select and use plant and equipment	4.1 Check plant and equipment and report faults according to manufacturer specifications and site requirements 4.2 Select and use plant and equipment required for work task according to manufacturer specifications and job and site requirements 4.3 Check lubricants, hydraulic fluid and water according to manufacturer specifications and site requirements 4.4 Maintain plant and equipment according to manufacturer specifications and site requirements
5. Conduct clean-up activities	5.1 Clear work area and dispose of, reuse or recycle material according to site requirements 5.2 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	<ul style="list-style-type: none"><li>Calculates basic measurements including masses and dimensions</li></ul>
Self-management	<ul style="list-style-type: none"><li>Monitors and minimises own exposure to worksite risks and hazards during work activities</li></ul>

## Unit Mapping Information

Supersedes and is equivalent to RIICRC315D Use concreting materials and equipment.

## Links

Companion Volume Implementation Guide is found on VETNet -

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