



Australian Government

RIICRC314E Handle concrete materials

Release: 1

RIICRC314E Handle concrete materials

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 handle concrete materials in civil construction, including handling, sorting and removing concrete materials and components.

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 handle concrete materials	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to handle concrete materials 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 Obtain, interpret, clarify and apply relevant drawings, job specifications and work instruction prior to proceeding

ELEMENT	PERFORMANCE CRITERIA
	1.6 Identify, obtain, confirm and implement signage requirements 1.7 Select all plant, tools and equipment to carry out tasks and check for faults
2. Handle and sort concrete materials and components	2.1 Identify and check on-site delivery of concrete materials and components and confirm against material schedule, plans and specifications 2.2 Move concrete materials to specified location and apply manual handling procedures according to job and site requirements 2.3 Stack and stockpile concrete materials and components and retrieve according to task sequence and job location 2.4 Protect concrete materials and components against damage and store clear of access ways according to site requirements 2.5 Handle and position components for installation according to job and site requirements
3. Handle and remove concrete materials and components on completion	3.1 Handle materials according to job and site requirements 3.2 Identify hazardous material for separate handling according to site requirements 3.3 Apply dust suppression procedures according to site requirements 3.4 Protect materials according to site requirements 3.5 Store materials according to site requirements
4. Conduct clean-up activities	4.1 Clear work area and dispose of, reuse or recycle material according to site requirements 4.2 Identify hazardous material for separate handling according to site requirements 4.3 Remove non-toxic materials according to site requirements 4.4 Clean, check, maintain and store 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
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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 RIICRC314D Handle concrete materials.

Links

Companion Volume Implementation Guide is found on VETNet -

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