



Australian Government

RIICRC318D Cure concrete

Release: 2

RIICRC318D Cure concrete

Modification History

Release	Comment
1	This unit replaces RIICRC318 Cure concrete
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to cure concrete in Civil Construction.

This unit is appropriate for those working in operational roles.

No licensing, legislation or certification requirements apply to this unit at the time of publication.

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare to cure concrete	1.1 Access, interpret and apply concrete curing documentation and ensure the work activity is compliant
	1.2 Obtain, read, interpret, clarify and confirm work requirements
	1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures
	1.4 Select and wear correct personal protective equipment appropriate for work activities
	1.5 Identify and apply relevant project specifications
	1.6 Identify, obtain, confirm and implement signage and barrier requirements
	1.7 Select and check for faults to plant, tools and equipment
2. Cure concrete	2.1 Cure concrete to project specifications

	2.2 Install and maintain run-off devices 2.3 Apply and maintain curing compound and curing technique/method on concrete surface to project specifications 2.4 Isolate and/or barricade the area to protect concrete during curing process 2.5 Monitor movements and hazards and identify and communicate changes to the work environment during the work process
3. Clean up	3.1 Clean work area and dispose of, reuse or recycle materials 3.2 Tools and equipment are cleaned, checked, maintained and stored

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIICRC318A Cure concrete

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for RIICRC318D Cure concrete

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies applicable documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient concrete curing including:
 - accessing, interpreting and applying documentation for curing concrete
 - identifying and applying relevant specifications to all work activities
 - identifying, addressing and reporting potential hazards and risks
 - identifying, obtaining, confirming and implementing signage and barriers requirements
 - selecting and checking for faults all tools and equipment to carry out tasks
 - identifying, addressing and reporting environmental issues
- works effectively with others to undertake and complete concrete curing in a way that meets all of the required outcomes including:
 - preparing for and organising work activities to meet all task requirements
 - communicating clearly and concisely with others to receive and clarify work instructions
 - using a range of communication techniques and aids to advise others of work activity and exclusion zones
 - monitoring movements and hazards and identifying and communicating changes to the work environment during the work process
- demonstrates completion of curing concrete that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - curing concrete to project specifications
 - installing and maintaining run-off devices

- isolating and/or barricading the work area
- clearing work area and disposing of, reusing, recycling or storing materials
- cleaning, checking, maintaining and storing plant, tools and equipment
- Carrying out two (2) concrete curing task to specifications

Knowledge Evidence

The candidate must demonstrate knowledge in curing concrete through:

- accessing, interpreting and applying the organisation and site requirements and procedures for:
 - identifying and managing risks
 - identifying, addressing and reporting environmental issues
 - setting up work activity
 - site isolation, signage and erecting barriers
 - work health and safety
 - managing waste
 - selecting and checking for faults, all tools and equipment to carry out tasks
 - carrying out work to specifications
 - applying effective techniques to curing concrete

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,

- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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