



Australian Government

RIICRC320D Seal concrete pavements

Release: 2

RIICRC320D Seal concrete pavements

Modification History

Release	Comment
1	This unit replaces RIICRC320 Seal concrete pavements
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 seal concrete pavements 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 seal concrete pavements	1.1 Access, interpret and apply concrete pavements sealing 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, obtain, confirm and implement signage requirements 1.6 Select and check for faults to tools and equipment, to carry out tasks
2. Select and use hand tools	2.1 Select hand tools consistent with needs of the job 2.2 Check tools for serviceability and safety, and report faults

	2.3 Clamp or fix materials in position 2.4 Use hand tools safely and effectively according to their intended use 2.5 Locate hand tools safely when not in immediate use 2.6 Monitor movements and hazards, identify and communicate changes to the work environment during the work process
3. Select and use power tools	3.1 Select power tools and equipment consistent with needs of job and in accordance with standard work practice, and report any faults 3.2 Check tools for serviceability and safety, and report faults 3.3 Visually check power leads/hoses for serviceability/safety in accordance with the site safety plan 3.4 Clear route for safe placement of leads/hoses of identified hazards 3.5 Run electrical power leads to power supply so they are clear of traffic and covered where possible 3.6 Connect electric power leads to the power board or direct to power tool 3.7 Run air hoses out to the compressed air supply and cover where potential trip hazards exist 3.8 Connect hose to power tool and air supply 3.9 Use power tools safely and effectively in application processes and ensure correct storage when not in use 3.10 Clean out and prepare for joint sealing 3.11 Complete written joint sealing records
4. Clean up	4.1 Clear work area and dispose of, reuse or recycle materials 4.2 Clean, check, maintain and store machinery, tools and equipment

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

RIICRC320A Seal concrete pavements

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 RIICRC320D Seal concrete pavements

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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 sealing of concrete pavements including:
 - accessing, interpreting and applying documentation for sealing concrete pavements
 - identifying and applying relevant specifications to all work activities
 - identifying, addressing and reporting potential hazards and risks
 - identifying, obtaining, confirming and implementing signage and barrier requirements
 - selecting and checking for faults all plant, tools and equipment to carry out tasks
 - identifying, addressing and reporting environmental issues
- works effectively with others to undertake the sealing of concrete pavements 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 sealing concrete pavements that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - selecting and using hand tools for intended purpose

- selecting and using power tools safely for intended purpose
- clearing work area and disposing of, reusing, recycling or storing materials
- cleaning, checking, maintaining and storing plant, tools and equipment
- conduct sealing of concrete pavements by:
 - application and instillation of sealer material and backer rods

Knowledge Evidence

The candidate must demonstrate knowledge in sealing concrete pavements 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, tools and equipment to carry out tasks
- applying effective techniques for sealing concrete pavements

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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