



Australian Government

RIICRC201D Repair potholes

Release: 2

RIICRC201D Repair potholes

Modification History

Release	Comment
1	This unit replaces RIICRC201A Repair potholes
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 repair potholes in Civil Construction.

This unit is appropriate for those working in operational roles

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare for repair potholes operations	1.1 Access, interpret and apply repair potholes 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 Obtain, interpret, clarify and apply relevant drawings, job specifications and work instruction prior to proceeding 1.6 Identify, obtain, confirm and implement signage requirements 1.7 Select and check for faults all plant, tools and equipment to
--	--

	carry out tasks 1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Repair potholes	2.1 Remove water and loose material from pothole or defective area 2.2 Trim pothole/defect and ensure mechanical interlock of repair material 2.3 Apply binder to provide adequate adhesion of repair material and waterproofing of repaired area 2.4 Place and compact materials to specification 2.5 Clean repaired area, remove excess loose materials, and apply sand or binding material where specified
3. Clean up	3.1 Clear work area and recycle or dispose of materials 3.2 Clean, check, maintain and store 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

RIICRC201A Repair potholes

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 RIICRC201D Repair potholes

Modification History

Release	Comment
1	This unit replaces RIICRC201A Repair potholes
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.

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 completion of pothole repairs including:
- identifying and applying relevant drawings and job specifications to all work activities
- identifying, obtaining, confirming and positioning required signage
- selecting and checking tools and equipment to meet requirements of the job
- works effectively with others to undertake and complete pothole repair tasks that meet all requirements 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
- demonstrates completion of the repair of potholes that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - removing water and loose material from pothole or defective area
 - trimming pothole/defect and ensuring mechanical interlock of repair material
 - applying binder to provide adequate adhesion of repair material and waterproofing of repaired area
 - placing and compacting materials to specification
 - cleaning repaired area, removing excess loose materials, and applying sand or blinding material where specified

- preparation, repair and clean-up of a minimum of three (3) potholes including at least two (2) to sub-grade level, using specified materials: the repairs are to be in accordance with the prescribed job specification

Knowledge Evidence

The candidate must demonstrate knowledge in repairing potholes through:

- accessing, interpreting and applying the organisation and site requirements and procedures for;
- identifying and managing risks
 - setting up the work activity
 - utilising signage for traffic control
 - environmental protection
 - work health and safety
 - managing waste
- selection of appropriate tools and materials
- carrying out work to specifications

applying effective pothole repair techniques

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

Links

Companion Volume implementation guides are found in VETNet -

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