



**Australian Government**

# **RIICCM205E Carry out manual excavation**

**Release: 1**

## RIICCM205E Carry out manual excavation

### Modification History

Release	Comment
1	This unit replaces RIICCM205D Carry out manual excavation. Performance evidence removed 'using concreting tools, plant and equipment. Added mapping table.

### Application

This unit describes a participant's skills and knowledge required to carry out manual excavation 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 manual excavation	<p>1.1 Access, interpret and apply manual excavation documentation, and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Identify, obtain and implement traffic signage requirements</p> <p>1.6 Select, and check for faults, equipment and/or attachments for work activities</p> <p>1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Dig small excavations by hand	<p>2.1 Confirm the location and specifications of the intended excavation</p>

	<p>2.2 Identify service markers/taped areas</p> <p>2.3 Determine and confirm location of underground services and avoid damage/interference</p> <p>2.4 Use hand tools, and dig post holes, small pits and trenches to the required dimensions</p> <p>2.5 Undertake trench collapse prevention procedures, where excavation is in unstable ground</p> <p>2.6 Place barricades around the excavation</p>
3. Complete and isolate the excavation	<p>3.1 Clean loose material out of excavation using hand tools</p> <p>3.2 Check excavation complies with the specification/work instruction</p> <p>3.3 Clear loose material away from the edge of excavation</p>
4. Conduct housekeeping activities	<p>4.1 Clear work area and dispose of or recycle materials</p> <p>4.2 Clean and maintain condition of equipment, ensure suitability for use, and address/report issues</p> <p>4.3 Manage/report hazards, and maintain a safe working environment</p> <p>4.4 Process written records</p>

## 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

Code and title current version	Code and title previous version	Comments	Equivalence status
RIICCM205E Carry out manual excavation	RIICCM205D Carry out manual excavation	Performance evidence removed 'using concreting tools, plant and equipment. Added mapping table.	Equivalent

## Links

Companion Volume implementation guides are found in VETNet -

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