



Australian Government

RIICRC203D Install sub-soil drainage

Release: 2

RIICRC203D Install sub-soil drainage

Modification History

Release	Comment
1	This unit replaces RIICRC203A Install sub-soil drainage
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 install sub-soil drainage 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 this unit.

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare for installing sub-soil drainage	<p>1.1 Access, interpret and apply sub-soil drainage installation 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 correct personal protective equipment appropriate for work activities</p> <p>1.5 Identify, obtain, confirm and implement signage requirements</p> <p>1.6 Select and check for faults all plant, tools and equipment to carry out tasks</p> <p>1.7 Plan stock-piling of materials for ease of access and hazard</p>
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	reduction
2. Set out and excavate trenches	<p>2.1 Check trench depths and grades to ensure conformity with plans and specifications</p> <p>2.2 Set out and clearly mark trench location</p> <p>2.3 Communicate with plant operator to ensure correct excavation of trenches, placement of shoring and battering</p>
3. Install bedding materials	<p>3.1 Identify bedding material type and depth from plans and specifications</p> <p>3.2 Lay bedding materials to specified depths and grades</p>
4. Install sub-soil drainage	<p>4.1 Place geo-textile according to specifications</p> <p>4.2 Prepare drain sections and fittings</p> <p>4.3 Lay subsoil drain</p> <p>4.4 Provide inspection opening and flush out points according to plans</p> <p>4.5 Fit out and/or connect end structures/outlets/clean outs to culverts, storm water or subsoil drain systems</p> <p>4.6 Install packing and prepare system for backfilling</p> <p>4.7 Monitor backfill procedure to ensure work completed to specification</p>
5. Clean up	<p>5.1 Clear work area and recycle or dispose of materials</p> <p>5.2 Clean, check, maintain and store plant, tools and equipment</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

RIICR203A Install sub-soil drainage

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

