



Australian Government

RIICPL303D Install sewer pipelines

Release: 1

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Modification History

Not applicable.

Application

This unit describes a participant's skills and knowledge required to install sewer pipelines 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

<p>1. Plan and prepare for installing sewer pipelines</p>	<p>1.1 Access, interpret and apply sewer pipelines documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, interpret, clarify and confirm work/plans/specifications requirements</p> <p>1.3 Identify, obtain and implement traffic signage</p> <p>1.4 Select, and check for faults, equipment/tools for work activities</p> <p>1.5 Identify, confirm and apply environmental protection requirements</p> <p>1.6 Select and wear correct personal protective equipment appropriate for work activities</p> <p>1.7 Identify, address and report potential hazards and risks</p> <p>1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
<p>2. Set out and excavate</p>	<p>2.1 Prepare work area and materials</p> <p>2.2 Determine and apply dewatering requirements</p> <p>2.3 Determine location, alignment direction, level and grade of sewer pipeline</p> <p>2.4 Set out works to specification</p> <p>2.5 Advise plant operator of excavation requirements and monitor levels</p> <p>2.6 Install sewer pipeline bedding</p>
<p>3. Install sewer pipeline</p>	<p>3.1 Lower pipes and place in position</p> <p>3.2 Join pipes</p> <p>3.3 Place pipes and fit valves, fittings and flow control devices</p> <p>3.4 Continually check alignment level and grade</p> <p>3.5 Position side support and/or overlay beside the pipes</p> <p>3.6 Check sewer pipeline system support structure</p> <p>3.7 Monitor backfill procedure and ensure work is completed to requirements</p> <p>3.8 Construct manholes, inspection and valve chambers, minor structures and thrust blocks</p>
<p>4. Test sewer pipeline</p>	<p>4.1 Perform sewer system test procedures establishing functionality and serviceability</p>

	4.2	Record in writing and report test results
5. Clean up	5.1	Clear work area and dispose of or recycle materials
	5.2	Clean, check, maintain and store plant, 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

RIICPL303A Install sewer pipelines

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>