



Australian Government

RIICPL302D Install stormwater systems

Release: 1

RIICPL302D Install stormwater systems

Modification History

Not applicable.

Application

This unit describes a participant's skills and knowledge required to install stormwater systems 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 stormwater systems</p>	<p>1.1 Access, interpret and apply stormwater systems 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 requirements</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 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 stormwater system</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 stormwater system bedding</p>
<p>3. Install stormwater system</p>	<p>3.1 Lower pipes and place in position</p> <p>3.2 Join pipes correctly</p> <p>3.3 Continuously check alignment level and grade continuously for conformance</p> <p>3.4 Position side support and/or overlay beside the pipes</p> <p>3.5 Fit inspection openings</p> <p>3.6 Monitor backfill procedure and ensure work is completed to requirements</p>
<p>4. Test stormwater system</p>	<p>4.1 Perform stormwater system test procedures establishing functionality and serviceability</p> <p>4.2 Record and report test results</p>
<p>5. Clean up</p>	<p>5.1 Clear work area and dispose of or recycle materials</p>

	5.2 Clean, check, maintain and store plant, tools and equipment
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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

RIICPL302A Install stormwater systems

Links

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