



Install stormwater systems

RIICPL302D

Overview

- Plan and prepare for installing stormwater systems
- Set out and excavate
- Install stormwater system
- Test stormwater system
- Clean up

Plan and prepare for installing stormwater systems

- Access, interpret and apply stormwater systems documentation and ensure the work activity is compliant



Plan and prepare for installing stormwater systems

- Obtain, interpret, clarify and confirm work/plans/specifications requirements



Plan and prepare for installing stormwater systems

- Identify, obtain and implement traffic signage requirements



Plan and prepare for installing stormwater systems

- Select, and check for faults, equipment/tools for work activities



Plan and prepare for installing stormwater systems

- Identify, confirm and apply environmental protection requirements



Plan and prepare for installing stormwater systems

- Select and wear personal protective equipment appropriate for work activities



Plan and prepare for installing stormwater systems

- Identify, address and report potential hazards and risks



Plan and prepare for installing stormwater systems

- Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency

Set out and excavate



- Prepare work area and materials

Set out and excavate



- Determine and apply dewatering requirements

Set out and excavate

- Determine location, alignment direction, level and grade of stormwater system

Set out and excavate



- Set out works to specification

Set out and excavate



- Advise plant operator of excavation requirements and monitor levels



Set out and excavate

- Install stormwater system bedding



Install stormwater system

- Lower pipes and place in position

Install stormwater system



- Join pipes correctly



Install stormwater system

- Continuously check alignment level and grade continuously for conformance



Install stormwater system

- Position side support and/or overlay beside the pipes



Install stormwater system

- Fit inspection openings



Install stormwater system

- Monitor backfill procedure and ensure work is completed to requirements

Test stormwater system



- Perform stormwater system test procedures establishing functionality and serviceability

Test stormwater system



- Record and report test results

Clean up



- Clear work area and dispose of or recycle materials

Clean up



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