



CSTC



RIICCM202D

Identify, locate and protect
underground services

Element 1

Plan and prepare for identify, locate and protect underground services



Compliance Documentation

- Regulatory and Legislative Requirements
- Guidance Documents
- Manufacturer Specifications and Instructions
 - Safety Plans
 - Safety Data Sheets (SDS)
 - Other Workplace and Organisational Requirements



Element 1

Plan and prepare for identify, locate and protect underground services

Obtain, Understand and Use Work Requirements

- Work Instructions
- Work Safety Requirements



Element 1

Plan and prepare for identify, locate and protect underground services

Identify and Use Appropriate
Traffic Signage



Element 1

Plan and prepare for identify, locate and protect underground services

Select the Right Equipment,
check for Faults

- Plant, Tool and Equipment Serviceability



Element 1

Plan and prepare for identify, locate and protect underground services

Identify and Follow
Environmental Protection
Requirements



Element 1

Plan and prepare for identify, locate and protect underground services

Prepare Information Ready for
Contacting Dial-Before-You-Dig

Element 1

Plan and prepare for identify, locate and protect underground services

Read Plans to Determine the Location of Services and Utilities

- Identify Required Information
- Plans and Location Details
- Types of Underground Asset Plans and Records
 - Electricity Cables
 - Gas Pipes
 - Water and Sewer Pipes
 - Telecommunication Cables

Element 2

Locate underground services

Obtaining Details of Service / Utility Locations from Site Owners

- Water, Power, Gas, Oil, Communications, Drains, Stormwater, Sewerage



- Telecommunication Companies, Energy Companies, Government Agencies, Gas Companies or Authorities, Water Authorities, Local Governments



Element 2

Locate underground services

Contacting Services and Utilities
to Confirm Plans and Location
Details

Element 2

Locate underground services

Selecting and Using Appropriate Equipment to Search for Services and Utilities

- Pipe and Cable Locating
Technology: Sonic Surveying,
Electromagnetic Location
- Methods of Uncovering the Service