



**Australian Government**

# **RIICPL401E Supervise the installation of underground services using open excavation**

**Release: 2**

## RIICPL401E Supervise the installation of underground services using open excavation

### Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.
Release 2	This version first released with RII Resources and Infrastructure Industry Training Package Version 8.0.  Minor update of unit of competency. Amendments made to wording of elements and performance criteria to better reflect intent.

### Application

This unit describes the skills and knowledge required to supervise the installation of underground services using open excavation in civil construction, including preparing team members to install underground services and overseeing and reporting on task execution.

It applies to those working in supervisory or technical specialist roles. They generally perform a broad range of operational activities in their area of responsibility and are responsible for monitoring a safe work environment.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

### Unit Sector

Civil construction

### Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for underground service installation	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to supervise underground service installation and confirm work activity is

<b>ELEMENT</b>	<b>PERFORMANCE CRITERIA</b>
	<p>compliant</p> <p>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment according to site requirements</p> <p>1.5 Confirm job plan is available and meets task requirements</p>
2. Prepare team members to execute tasks	<p>2.1 Confirm required resources are available to meet job requirements</p> <p>2.2 Communicate instructions to team members and other involved personnel according to job requirements</p> <p>2.3 Set out tasks required to complete work activity according to job requirements</p>
3. Oversee execution of tasks	<p>3.1 Monitor installation task performance and confirm outcomes are achieved according to job requirements</p> <p>3.2 Initiate adjustments to work practice and job plans as required to meet job requirements</p> <p>3.3 Confirm plant, equipment and tools maintenance requirements are carried out and recorded according to job requirements and manufacturer specifications</p>
4. Report on execution of tasks	<p>4.1 Complete and submit reports according to site requirements</p> <p>4.2 Recommend required changes to confirm task execution meets job requirements</p>

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.*

<b>Skill</b>	<b>Description</b>
Numeracy	<ul style="list-style-type: none"> <li>Calculates resourcing requirements and performs mathematical calculations</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Conveys information and requirements clearly and listens actively</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Prepares specific information that complies with requirements, using sector-specific vocabulary, grammatical structures and conventions</li> </ul>

## **Unit Mapping Information**

Supersedes and is equivalent to RIICPL401D Apply the principles for the installation of underground service using open excavation.

## **Links**

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>