



Australian Government

CPC33226 Certificate III in Utility Locating

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Modification History

Release	Comments
1	This qualification was first released in CPC Construction, Plumbing and Services Training Package Release 11.0.

Qualification Description

This qualification has been created for utility locating occupations.

This qualification allows individuals who are working in the industry to develop skills and knowledge in order to fulfil utility locating service roles. Utility locating service roles involve using specialised equipment to locate, mark and protect underground assets such as pipes and cables. These roles include using technology such as ground penetrating radar (GPR) and electromagnetic field (EMF) detectors, interpreting utility plans; and marking locate sites. This entails performing tasks with a broad range of skilled applications applied in a wide variety of contexts. It may also include the application of some discretion and judgement in selecting equipment to locate utility services.

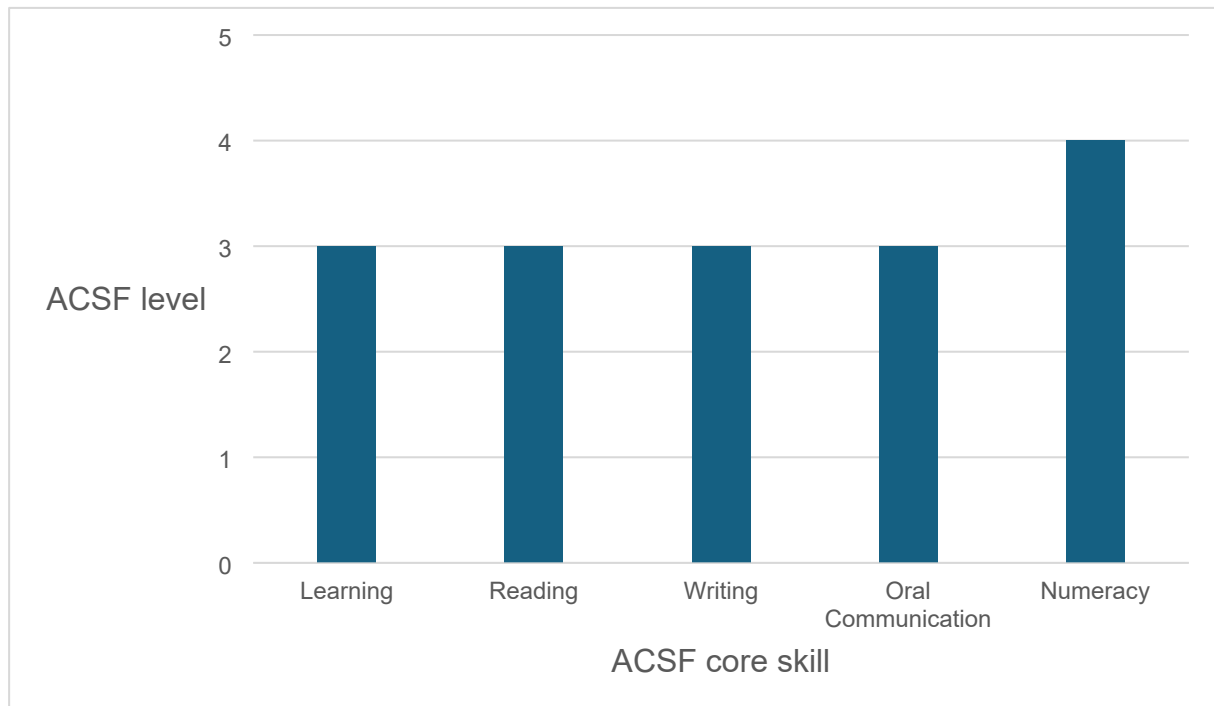
Licensing, legislative and certification requirements that apply to this qualification can vary between states, territories and utility operators. It is a requirement to check with the relevant body before applying this qualification.

Licensing/Regulatory Information

Completion of the general construction induction training program, specified in the Safe Work Australia model *Code of Practice: Construction work*, is required by anyone carrying out construction work.

Foundation Skills Outcomes

The foundation skills outcomes in this qualification are outlined below.



Entry Requirements

This qualification has no entry requirements.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 14 units of competency:
 - 9 core units
 - 5 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualifications Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- at least 4 units from the electives listed below
- up to 1 unit from any currently endorsed Training Package or accredited course.

Prerequisite units

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core units

CPCLOC3001	Apply safety practices when utility locating
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CPCLOC3002	Interpret plans and apply markings for underground services on a locate site
CPCLOC3003	Locate using ground penetrating radar (GPR)
CPCLOC3004	Locate using electromagnetic field (EMF) locator and auxiliary locating equipment
CPCLOC3006	Prepare for ground disturbance activity
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
MSMWHS217	Gas test atmospheres
RIIRIS301E	Apply risk management processes
RIIWHS202E	Enter and work in confined spaces

Elective units

CPCLOC3005	Locate and manage the utility locating worksite
CPCLOC3007*	Control excavations in the vicinity of utility assets
CPCCCM2012*	Work safely at heights
CPPSSI3015	Collect basic surveying data
CPPSSI3020	Perform simple surveying and spatial computations
CPPSSI4030	Operate surveying equipment
CPPSSI5061	Survey subsurface utility information
MEM30031	Operate computer-aided design (CAD) system to produce basic drawing elements
RIICCM202E	Identify, locate and protect underground services
RIICCM205F	Carry out manual excavation
RIICCM303	Conduct vacuum excavations
RIISAM204E	Operate small plant and equipment

UETDREL006	Work safely in the vicinity of live electrical apparatus as a non-electrical worker
UETDRDU017	Locate faults in underground power cables

Pre-requisite Requirements

Unit of competency	Pre-requisite requirement
CPCCCM2012 Work safely at heights	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCLOC3007 Control excavations in the vicinity of utility assets	CPCLOC3006 Prepare for ground disturbance activity
UETDRDU017 Locate faults in underground power cables	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace UEECD0044 Solve problems in multiple path circuits UEECD0046 Solve problems in single path circuits UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications UEEEL0020 Solve problems in low voltage a.c. circuits UEEEL0021 Solve problems in magnetic and electromagnetic devices UETDREL005 Work safely in the vicinity of live electrical apparatus

Mandatory Workplace Requirements

There are no mandatory workplace requirements associated with units packaged in this qualification.

Qualification Mapping Information

Previous Code and Title	Equivalence	Comments
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	Newly created	This qualification has been created to address a requirement by industry.
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Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/CPC>.