



Australian Government

RII31613 Certificate III in Trenchless Technology

Release 1

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Modification History

Not applicable.

Qualification Description

This qualification reflects the role of a skilled operator working in trenchless technology in the civil construction industry, who applies a broad range of skills in a varied work context, using some discretion and judgement and relevant theoretical knowledge. The individual may provide theoretical advice and support a team.

Licensing, legislative, regulatory and certification requirements that apply to this qualification can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the qualification.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

Requirements for completion of the qualification

The following provides the packaging rules for this qualification, followed by the list of relevant units of competency.

Successful completion of twenty six (26) units of competency made up of:

- eighteen (18) core units, and
- eight (8) elective units of which:
 - at least five (5) must be chosen from group A and/or group B, including:
 - at least four (4) at Certificate III level
 - at least one (1) must be a trenchless technology (RIICTT) unit
 - up to three (3) units may be chosen from Certificate II, Certificate III or Certificate IV level from this, or any other Training Package or accredited course

Units chosen must be relevant to the job function.

There are both licensed and non-licensed units of competency relating to high risk work in the Resources and Infrastructure Industry Training Package. To be appointed under any statutory requirements in related roles, units of competency should be selected to meet the state/territory licensing requirements.

There are no prerequisites to imported units listed in this qualification. Where a unit is imported as an elective care must be taken to ensure that all prerequisites specified are complied with.

Core units of competency	
<i>Unit code</i>	<i>Unit title</i>
RIIBEF201D	Plan and organise work
RIICCM201D	Carry out measurements and calculations
RIICCM202D	Identify, locate and protect underground services
RIICCM203D	Read and interpret plans and specifications
RIICCM205D	Carry out manual excavation
RIICCM206D	Support plant operations
RIICCM207D	Spread and compact materials manually
RIICCM208D	Carry out basic levelling
RIICCM210D	Install trench support
RIICOM201D	Communicate in the workplace
RIICRC203D	Install sub-soil drainage
RIIWHS201D	Work safely and follow WHS policies and procedures
RIIRIS201D	Conduct local risk control

RIISAM201D	Handle resources and infrastructure materials and safely dispose of nontoxic materials
RIISAM203D	Use hand and power tools
RIISAM204D	Operate small plant and equipment
RIIWMG203D	Drain and dewater civil construction site
RIIWMG301D	Control construction site water table
Electives	
Group A	
Unit code	Unit title
NWP331B	Inspect conduit and report on condition and features
NWP440A	Supervise conduit inspection and reporting
RIICCM209D	Carry out concrete work
RIICRC208D	Lay pipes
RIICTT301D	Conduct fluid assisted directional boring
RIICTT302D	Conduct impact moling, ramming and augering
RIICTT303D	Control micro tunnelling and pipe-jacking
RIICTT304D	Undertake on-line replacement for existing pipeline systems
RIICTT305D	Undertake localised repair and sealing of existing pipeline systems
RIICTT306D	Install cure in-place linings for existing pipeline systems
RIICTT307D	Spray linings for existing pipeline systems
RIICTT308D	Install close-fit linings for existing pipeline systems
RIICTT309D	Install slip lining in existing pipeline systems
RIICTT310D	Renovate large diameter pipes and chambers
RIIHAN208D	Perform dogging
RIIHAN211D	Conduct basic scaffolding operations
RIIHAN301D	Operate elevating work platform
RIIHAN307D	Operate a vehicle loading crane
RIIIMG301D	Maintain site records
RIIOGF302D	Operate drilling fluids and mud pits

RIIOGN303D	Operate mud systems
RIIRIS202D	Responding to site based spills
RIIWHS202D	Enter and work in confined spaces
RIIWHS205D	Control traffic with stop-slow bat
RIISAM205D	Cut, weld and bend materials
Group B	
Unit code	Unit title
CPCCLDG3001A	Licence to perform dogging
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level
TLILIC0012A	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)
TLILIC2005A	Licence to operate a boom-type elevating work platform (boom length 11 meters or more)

Qualification Mapping Information

No equivalent qualification

Links

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