



**Australian Government**

# **RII31615 Certificate III in Trenchless Technology**

**Release 2**

## RII31615 Certificate III in Trenchless Technology

### Modification History

Release	Comments
1	This qualification replaces RII31613 Certificate III in Trenchless Technology. Elective groups and packaging rules amended. RIICPL301D Install water mains pipelines, RIICPL302D Install stormwater systems, RIICPL303D Install sewer pipelines and RIICPL304D Install pre-cast gully pits added to elective Group A. BSBDIV301 added to elective Group B. Updated codes of imported units. Added qualification mapping information.
2	This version was released with RII Resources and Infrastructure Training Package version 3.0.

### 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

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

Total number of units = 26

**18 core units** plus

**8 elective units**, of which:

- at least four (4) must be chosen from Group A, of which at least one (1) must be a trenchless technology (RIICTT) unit
- at least one (1) must be chosen from Group B
- no more than three (3) may be chosen from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

All elective units selected for this qualification must reflect current occupational and learning outcomes of this AQF qualification level.

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.

<b>Core units of competency</b>	
<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
RIICCM205E	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
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
RIIWHS201D	Work safely and follow WHS policies and procedures
RIIWMG203D	Drain and dewater civil construction site
RIIWMG301D	Control construction site water table
<b>Electives</b>	
<b>Group A</b>	
<i>Unit code</i>	<i>Unit title</i>

NWPNET016	Inspect sewer or stormwater line
NWPNET017	Supervise and report on conduit inspections
RIICPL301D	Install water mains pipelines
RIICPL302D	Install stormwater systems
RIICPL303D	Install sewer pipelines
RIICPL304D	Install pre-cast gully pits
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
RIIHAN301E	Operate elevating work platform
RIIHAN307E	Operate a vehicle loading crane
RIIMG301D	Maintain site records
RIIOGF302D	Operate drilling fluids and mud pits
RIIOGN303D	Operate mud systems
<b>Group B</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBDIV301	Work effectively with diversity
CPCCLDG3001A	Licence to perform dogging
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level
RIICCM209D	Carry out concrete work
RIICRC208D	Lay pipes
RIIHAN208D	Perform dogging
RIIHAN211D	Conduct basic scaffolding operations
RIIRIS202D	Responding to site based spills

RIISAM205D	Cut, weld and bend materials
RIIWHS202D	Enter and work in confined spaces
RIIWHS205D	Control traffic with stop-slow bat
TLILIC0002	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)
TLILIC0005	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)

## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RII31615 Certificate III in Trenchless Technology	RII31613 Certificate III in Trenchless Technology	Elective groups and packaging rules amended but outcomes are unchanged	Equivalent qualification

## Links

Companion Volume implementation guides are found in VETNet -

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