



Australian Government

RII31619 Certificate III in Trenchless Technology

Release 3

RII31619 Certificate III in Trenchless Technology

Modification History

Release	Comments
Release 3	This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors.
Release 2	Minor change to add the following units of competency to the elective list: <ul style="list-style-type: none"> RIIOGF302E Operate drilling fluids and mud pits.
Release 1	This qualification replaces RII31615 Certificate III in Trenchless Technology. Packaging rules amended to better reflect industry needs. Core/elective units amended to reflect skills required by trenchless technology workers. Total number of core units reduced to nine from 18. RIIMG301D Maintain site records, RIIRIS301E Apply risk management processes and RIWHS202D Enter and work in confined spaces added to core units. Total number of elective units increased from eight to 17. Native and imported core and elective units updated to current equivalent versions

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/Regulatory Information

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Nil

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

9 core units plus

17 elective units of which:

- up to twelve (12) must be chosen from the electives below, of which at least one (1) must be a trenchless technology (RIICTT) unit
- up to five (5) may be chosen from the electives listed below, elsewhere within this training package, or from another endorsed training package, or from an accredited course.

Elective units must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment and contribute to a valid vocational outcome.

The elective bank contains both licensed and non-licensed units of competency relating to high risk work in the resources and infrastructure industry. 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
RIICCM202E	Identify, locate and protect underground services
RIICCM203D	Read and interpret plans and job specifications
RIICOM201D	Communicate in the workplace
RIIMG301D	Maintain site records
RIIRIS301E	Apply risk management processes
RIIWHS201D	Work safely and follow WHS policies and procedures
RIIWHS202D	Enter and work in confined spaces
Electives	
<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
NWPNET016	Inspect sewer or stormwater line
NWPNET017	Supervise and report on conduit inspections
RIICCM205E	Carry out manual excavation
RIICCM206D	Support plant operations
RIICCM207D	Spread and compact materials manually
RIICCM208D	Carry out basic levelling
RIICCM209D	Carry out concrete work
RIICCM210D	Install trench support
RIICCM302	Track directional boring operations
RIICCM303	Conduct vacuum excavations
RIICPL301D	Install water mains pipelines
RIICPL302D	Install stormwater systems
RIICPL303D	Install sewer pipelines
RIICPL304D	Install pre-cast gully pits
RIICRC203D	Install sub-soil drainage
RIICRC208D	Lay pipes
RIICTT301E	Conduct fluid assisted directional boring
RIICTT302E	Conduct impact moling, ramming and augering operations
RIICTT303E	Control micro tunnelling and pipe-jacking operations
RIICTT304E	Undertake on-line replacement for existing pipeline systems
RIICTT305E	Undertake localised repair and sealing of existing pipeline systems
RIICTT306E	Install cure in-place linings for existing pipeline systems
RIICTT307E	Spray linings for existing pipeline systems
RIICTT308E	Install close-fit linings for existing pipeline systems
RIICTT309E	Install slip lining in existing pipeline systems
RIICTT310E	Renovate large diameter pipes and chambers

RIIHAN208D	Perform dogging
RIIHAN211D	Conduct basic scaffolding operations
RIIHAN301E	Operate elevating work platform
RIIHAN307E	Operate a vehicle loading crane
RIIOGF302E	Operate drilling fluids and mud pits
RIIOGN303D	Operate mud systems
RIIRIS202D	Respond to site based spills
RIISAM201D	Handle resources and infrastructure materials and safely dispose of nontoxic materials
RIISAM203D	Use hand and power tools
RIISAM204D	Operate small plant and equipment
RIISAM205D	Cut, weld and bend materials
RIIWHS205E	Control traffic with stop-slow bat
RIIWMG203D	Drain and dewater civil construction site
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

Supersedes and is equivalent to RII31615 Certificate III in Trenchless Technology.

Links

Companion Volume implementation guides are found in VETNet -

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