

Recommended Qualification Structure for Tunnelling Operations (Construction) Level 3

This structure has been recommended by employers and stakeholders from the above occupational area for organisations to form the basis of academic capability and competence outcomes. Qualifications with a competence outcome at the above level must have units derived from the following National Occupational Standards (NOS).

Tunnel Boring Machine Operator

MANDATORY

- VR177 v3 Excavate and profile tunnels
- VR209 v2 Confirm work activities and resources for the work
- VR210 v3 Develop and maintain good working relationships
- VR211 v2 Confirm the occupational method of work
- VR641 v2 Conform to general workplace health, safety and welfare
- VR642 v1 Conform to productive work practices
- VR771 v1 Operate earth pressure balance and slurry tunnel boring machines to construct and form tunnels

Unit endorsements for Tunnelling Operations Level 3

Where industry requests; qualifications can be endorsed to show an option route and the type of resources and/or activities that relate to the unit. Listed below are the endorsements that can apply for units derived from the following NOS.

NOS	Endorsement
VR177	Tunnel boring
VR771	One of the following: Earth pressure balance tunnel boring machine Slurry tunnel boring machine

Note: Where industry requests an Awarding Organisation to further endorse a unit, the Awarding Organisation must first seek approval from the Standards Setting Body to ensure the endorsement is appropriate to the unit.