

Recommended Qualification Structure for Testing, Inspecting and through Examination Occupations (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) and consist of the mandatory groups as stated.

MANDATORY (Total 3)

- VR209 Confirm work activities and resources for the work
- VR210 Develop and maintain good working relationships
- VR211 Confirm the occupational method of work

PLUS ONE OF THE FOLLOWING OPTIONAL ROUTES

Testing, Inspecting and thorough Examination of Plant, Machinery, Equipment or Accessories Option Route (Total 5)

Mandatory

- VR663v2 Inspect plant or machinery for operational serviceability
- VR668v3 Carry out specific tests on plant or machinery to determine operational serviceability

Leak Detection in Waterproof Systems Option Route (Total 4)

Mandatory

- VR800 v1 Detect breaches in waterproofing systems using non-destructive leak detection

Dynamic Pile Testing Option Route (Total 4)

Mandatory

- VR801v1 Dynamic load and integrity testing of piles

Installing Construction Anchors and Site Testing of Construction Fixings Option Route (Total 4)

Mandatory

- VR802v1 Installing construction anchors
- VR803v1 Site testing of construction fixings

Unit endorsements for Testing, Inspecting and through Examination Occupations (Construction) 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
VR668	At least four of the following: Electric systems Cooling systems Lubrication systems Emission control Hydraulic systems Hydrostatic drive Transmission systems Pneumatic systems Braking systems Vibration management Steering/suspension systems Generator output control Electronic management Powered access equipment Material handling equipment Water pumps Craneage Lifting equipment Load testing
VR800	At least one of the following endorsements required: Electrical earth leakage – wet method Electrical earth leakage – dry method Electrical capacitance (moisture profiling)
VR803	At least two of the following: Mechanical anchor Bonded anchor Cast-in channels Cast-in anchors

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