

Recommended Qualification Structure for Plant Installations (Construction) Level 2

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/optional groups as stated for the individual option route.

MANDATORY (all option routes)

- PI26 v1 Dismantle installed plant and equipment
- VR641 v2 Conform to general workplace health, safety and welfare
- VR643 v1 Move, handle or store resources
- VR667 v2 Install plant or machinery for operational activities

PLUS ONE OF THE FOLLOWING OPTIONAL ROUTES

Hoist Option Route (Total 7)

Mandatory

- VR384 v1 Operate plant and equipment during installation procedures

Plus optional (two from the following)

- PI27 v1 Plant installation basic maintenance
- VR402 v2 Slinging and signalling the movement of suspended loads
- VR663 v2 Inspect plant or machinery for operational serviceability
- VR664 v2 Diagnose faults in plant or machinery systems or components
- VR672 v2 Hand over plant or machinery to the control of others

Additional for Hoist option (not compulsory)

- VR387 v2 Operate plant or machinery to lift and transfer loads

Tower Crane Option Route (Total 7)

Mandatory

- VR402 v2 Slinging and signalling the movement of suspended loads

Plus optional (two from the following)

- PI27 v1 Plant installation basic maintenance
- VR384 v1 Operate plant and equipment during installation procedures
- VR663 v2 Inspect plant or machinery for operational serviceability
- VR664 v2 Diagnose faults in plant or machinery systems or components

Unit endorsements for Plant Installations Level 2

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
PI26	One of the following: Hoist rack and pinion goods Hoist passenger/goods combined Hoist rope operated goods Hoist transport platform Tower crane – self erect Tower crane – assisted erect
PI27	One of the following: Hoist rack and pinion goods Hoist passenger/goods combined Hoist rope operated goods Hoist transport platform Tower crane – self erect Tower crane – assisted erect
VR384	One of the following: Hoist rack and pinion goods Hoist passenger/goods combined Hoist rope operated goods Hoist transport platform Tower crane – self erect Tower crane – assisted erect
VR387	One of the following: Hoist rack and pinion goods Hoist passenger/goods combined Hoist rope operated goods Hoist transport platform
VR402	Slinger Signaller 'Occupation specific' only (own area of work:i.e. Hoist, Tower Crane)
VR663	One of the following: Hoist rack and pinion goods Hoist passenger/goods combined Hoist rope operated goods Hoist transport platform Tower crane – self erect Tower crane – assisted erect
VR664	Four of the following: Power unit Transmission Steering Hydraulic Pump Brake Pneumatic Electrical Electronic Operating ancillaries and attachments

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VR667	One of the following: Hoist rack and pinion goods Hoist passenger/goods combined Hoist rope operated goods Hoist transport platform Tower crane – self erect Tower crane – assisted erect
VR672	One of the following: Hoist rack and pinion goods Hoist passenger/goods combined Hoist rope operated goods Hoist transport platform Tower crane – self erect Tower crane – assisted erect

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.