

**Recommended Qualification
Structure for
Specialist Installation
Occupations
(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)

- VR641 v2 Conform to general workplace health, safety and welfare
- VR642 v1 Conform to productive work practices
- VR643 v1 Move, handle or store resources

PLUS ONE OF THE FOLLOWING OPTIONAL ROUTES

**Door, Gate and Shutter Systems - Installation and Maintenance Option Route
(Total 5)**

Mandatory

- VR678 v3 Service and maintain or commission door, gate or shutter systems

Plus at least One from the following options:

- VR676 v3 Install door and gate systems
- VR677 v2 Install shutter systems
- VR679 v3 Dismantle and repair door, gate or shutter systems

Additional for Door, Gate and Shutter Systems options (not compulsory)

- VR250 v2 Erect and dismantle access/working platforms
- VR392 v2 Operate plant or machinery used as work platforms
- VR402 v2 Slinging and signalling the movement of suspended loads
- VR503 v2 Install door, blind or shutter wiring systems
- *SEMPE01 15 Using manual metal arc welding equipment
- *SEMPE01 17 Using semi-automatic MIG or MAG welding equipment
- * *imported from SEMTA suite of standards*

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Blinds and Solar Shading Systems (Installation and Maintenance) Option Route (Total 5)

Optional (At least two from the following)

- VR680 v3 Install internal blinds or solar shading systems
- VR681 v3 Install external blinds, screens or solar shading systems
- VR682 v2 Service and maintain blinds, screens or solar shading systems

Loading Bay Equipment (Installation or Maintenance) Option route (Total 4)

Optional (At least one of the following)

- VR683 v2 Install loading bay equipment
- VR684 v2 Service and maintain loading bay equipment

Additional for Loading Bay Equipment option (not compulsory)

- VR250 v2 Erect and dismantle access/working platforms
- VR392 v2 Operate plant or machinery used as work platforms
- VR402 v2 Slings and signalling the movement of suspended loads
- VR503 v2 Install door, blind or shutter wiring systems
- *SEMPE01 15 Using manual metal arc welding equipment
- *SEMPE01 17 Using semi-automatic MIG or MAG welding equipment
- * *imported from SEMTA suite of standards*

Roof Line Systems Option Route (Total 5)

Optional (At least two from the following)

- VR228 v2 Remove and repair eaves and verge finishings
- VR229 v2 Install eaves, verge and rainwater systems
- VR230 v2 Prepare and install metal rainwater systems
- VR231 v2 Repair rainwater systems

Insulated Enclosures – Industrial Option Route (Total 6)

(covers construction of large (warehouse) insulated enclosures)

Mandatory

- VR241 v2 Install insulated enclosure floors
- VR242 v2 Install insulated cladding walls
- VR797 v1 Install ceilings in insulated enclosures

Insulated Enclosures – Commercial Option Route (Total 6)

(covers construction of small (specialised) insulated enclosures)

Mandatory

- VR240 v2 Install insulated enclosures
- VR241 v2 Install insulated enclosure floors
- VR676 v3 Install door and gate systems

Additional for Insulated Enclosures options (not compulsory)

VR250 v2 Erect and dismantle access/working platforms

VR392 v2 Operate plant or machinery used as work platforms

VR402 v2 Slinging and signalling the movement of suspended loads

*SEMPE01 15 Using manual metal arc welding equipment

*SEMPE01 17 Using semi-automatic MIG or MAG welding equipment

** imported from SEMTA suite of standards*

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Joint Sealant Application Option Route (Total 6)

Mandatory

- VR243 v2 Apply sealants to structural fabric
- VR250 v2 Erect and dismantle access/working platforms
- VR360 v4 Install, maintain and remove work area protection and safety equipment

Additional for Joint Sealant option (not compulsory)

- VR387 v2 Operate plant or machinery to lift and transfer loads
- VR392 v2 Operate plant or machinery used as work platforms

Point of Purchase Option Route (Total 5)

Optional (two from the following)

- VR267 v2 Install internal display systems
- VR268 v2 Install display signs
- VR269 v2 Install graphic displays

Additional for Point of Purchase option (not compulsory)

- VR250 v2 Erect and dismantle access/working platforms

Industrial Storage Systems Option Route

One of the following option groups

Installation group (Total 5)

Mandatory

- VR504 v2 Install industrial pallet racking systems
- VR505 v2 Install industrial shelving systems

Maintenance and Repair group (Total 4)

Mandatory

- VR506 v2 Maintain and repair industrial storage systems

Inspection group (Total 4)

Mandatory

- VR507 v2 Inspect industrial storage systems

Additional for Industrial Storage Systems options (not compulsory)

- VR250 v2 Erect and dismantle access/working platforms
- VR387 v2 Operate plant or machinery to lift and transfer loads
- VR392 v2 Operate plant or machinery used as work platforms
- VR400 v2 Operate powered units, tools or pedestrian plant, machinery or equipment

Product, Equipment and Machinery Installer Option Route (Total 4)

Mandatory

- VR796 v1 Install products, equipment or machinery in or for new or refurbished buildings

Architectural Metalwork Installer Option Route (Total 5)

Mandatory

VR795 v1 Install architectural metalwork

Optional (At least one from the following)

VR360 v4 Install, maintain and remove work area protection and safety equipment

VR392 v2 Operate plant or machinery used as work platforms

VR402 v2 Slinging and signalling the movement of suspended loads

Install Acoustic Packages and Frames Option Route (Total 4)

VR798 v1 Install acoustic packages and support frames

Fabric and Membrane Cladding Option Route (Total 5)

Mandatory

VR493 v2 Prepare resources for fabric and membrane cladding

VR494 v2 Install fabric and membrane cladding

Unit endorsements for Specialist Installation Occupations 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
VR243	Two of the following: Masonry Soffits Windows and door frames Work surfaces and sanitary ware
VR250	Own area of work (i.e. Door, gate and shutter systems, Loading bay equipment, Insulated enclosures, Joint sealant application, Point of purchase, Industrial storage systems) Plus two of the following: Ladders/crawler boards Step ladders/platform steps Proprietary towers Trestle platforms Mobile scaffold towers Proprietary staging/podiums
VR267	Two of the following: Free standing Wall mounted Ceiling mounted Glass mounted
VR268	Two of the following: Free standing Wall mounted Ceiling mounted
VR269	One of the following: Glass mounted Fixture or wall mounted Free standing
VR360	Own area of work (i.e. Joint sealant application, Architectural metalwork installer)
VR387	Own area of work (i.e. Joint sealant application/Industrial storage systems) Plus one of the following: Rough terrain masted forklift Forklift sideloader Industrial forklift truck Telescopic handler industrial telescopic Telescopic handler up to 9 metres Telescopic handler all sizes Telescopic handler all sizes excluding 360° Telescopic handler all sizes including 360° Knuckle boom

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NOS	Endorsement		
VR392	Own area of work (i.e. Door, gate and shutter systems, Loading bay equipment, Insulated enclosures; Joint sealant application, Industrial storage systems, Architectural metalwork installer) Plus one or more of the following: Mobile elevated working platform scissor Mobile elevated working platform boom vehicle mounted Mobile elevated working platform boom self-propelled		
VR400	One of the following: Generators Pumps Pedestrian operated plant or machines Mixers Compressors Self-powered tools		
VR402	Slinger Signaller 'Occupation specific' only (own area of work: i.e. Door, gate and shutter systems; Loading bay equipment, Insulated enclosures, Architectural metalwork installer)		
VR493	One of the following: Fabric cladding Membrane cladding Foil and phenomic cushion		
VR494	One of the following: Fabric cladding Membrane cladding Foil and phenomic cushion		
VR504	Two of the following: Drive in or drive through APR above 6 metres Dynamic storage High bay (over 12 metres) Mobile Mini load Cantilever Rack clad Multi tier		
VR505	Two of the following: Carton live Single tier Multi tier Long span Mobile		
VR506	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <i>Group 1:</i> Two of the following: Drive in and/or drive through Dynamic storage High bay (over 12 metres) Mobile Mini load Cantilever Rack clad Multi tier </td> <td style="width: 50%; vertical-align: top;"> <i>Group 2:</i> One of the following: Carton live Single tier Multi tier Long span Mobile </td> </tr> </table>	<i>Group 1:</i> Two of the following: Drive in and/or drive through Dynamic storage High bay (over 12 metres) Mobile Mini load Cantilever Rack clad Multi tier	<i>Group 2:</i> One of the following: Carton live Single tier Multi tier Long span Mobile
<i>Group 1:</i> Two of the following: Drive in and/or drive through Dynamic storage High bay (over 12 metres) Mobile Mini load Cantilever Rack clad Multi tier	<i>Group 2:</i> One of the following: Carton live Single tier Multi tier Long span Mobile		

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NOS	Endorsement
VR507	<p><i>Group 1:</i> One of the following: Drive in and/or drive through Dynamic storage High bay (over 12 metres) Mobile Mini load Cantilever Rack clad Multi-tier</p> <p><i>Group 2:</i> One of the following: Carton live Single tier Multi tier Long span Mobile</p>
VR676	<p>At least one of the following industrial and/or commercial and/or pedestrian doors or gates: Industrial and/or commercial door or gate system types: Roller shutter Sectional Horizontally acting door or gate Automated or Power operated gates Automated or Power operated barriers Fire-resisting door</p> <p>Pedestrian door or gate system types: Domestic garage door with panel construction Domestic garage door with rolling construction Domestic garage door power operated Manual slide door Swing and folding door or gate Automated or power operated gates Automated or power operated barriers Fire resisting door Power operated slide, swing or folding door Manual and power-operated revolving door Power operated gates (manual switch) Automated gates (sensor)</p>
VR677	<p>Three of the following: Roller shutter or grille Shop front shutter Wood shutter Domestic shutter Solar powered shutter Solar shading system Motorised shutter</p>
VR678	<p>One of the following: Service Maintain Commission Door or gate types endorsed as VR676</p> <p>Or Shutter systems endorsed as VR677</p>
VR679	<p>Door or gate types endorsed as VR676</p> <p>Or Shutter systems endorsed as VR677</p>

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NOS	Endorsement
VR680	Three of the following: Standard internal blind Cassetted blind Drapery Conservatory and rooflight blinds Solar shading system Solar powered window covering system Motorised system Plantation shutter Smoke curtain Tracks
VR681	Three of the following: Awning and canopy Shop blind External blind Fixed shade Solar shading Solar powered external shading Motorised system Brise soleil Louvre arrays
VR682	One of the following: Internal External Motorised or automated
VR683	Six of the following: Dock leveller (hinged lip, telescopic lip, drawbridge) Scissor lift Dock seal Wheel guide Vehicle restraint Bumper Lights, traffic and/or dock Composite or standard control panel
VR796	Own area of work (i.e. Mechanical and electrical baggage handling installer, Specialist multisensory equipment installer, Storage tank installer, Street furniture installer, Tank erection glass fused installer, Public seating installer)
VR797	Two of the following: Suspended proprietary Composite panel Bespoke
VR798	Five of the following Louvres Enclosures Openings (doors and/or windows) Panel screens Attenuators (silencer) Complete audiology rooms (floor, wall, ceiling, internal finish, door(s) and window(s))

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.