

# **Recommended Qualification Structure for Accessing Operations and Rigging (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)**

- VR252 v2 Utilise provision of fall protection systems
- 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**

### **Scaffolding Option Route (Total 8)**

#### **Mandatory**

- VR247 v2 Erect and dismantle independent and birdcage scaffolds
- VR248 v2 Erect and dismantle mobile and static scaffold towers
- VR249 v2 Erect and dismantle cantilever scaffolds
- VR251 v2 Erect and dismantle pavement or roof scaffolds

#### **Additional for Scaffolding option (not compulsory)**

- VR258 v2 Equip scaffolds with safeguards and environmental protection
- VR360 v4 Install, maintain and remove work area protection and safety equipment
- VR402 v2 Slinging and signalling the movement of suspended loads
- VR411 v2 Inspect scaffolding/rigging systems

### **Steeplejacking Option Route (Total 7)**

#### **Mandatory**

- VR253 v3 Erect and dismantle steeplejack scaffolds
- VR254 v3 Erect and remove specialist access equipment
- VR255 v3 Install temporary lifting and suspension apparatus

#### **Additional for Steeplejacking option (not compulsory)**

- VR50 v3 Repair and maintain masonry structures
- VR53 v2 Erect metal chimneys
- VR187 v2 Produce standard templates and moulds
- VR196 v2 Repair basic stonemasonry structures
- VR263 v2 Secure and use rope access arrangements
- VR333 v4 Apply surface coatings by brush and roller
- VR402 v2 Slinging and signalling the movement of suspended loads

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## **Lightning Protection Engineering Option Route (Total 8)**

### **Mandatory**

- VR254 v3 Erect and remove specialist access equipment
- VR256 v2 Install lightning conductor systems
- VR257 v2 Commission lightning conductor installation systems
- VR372 v4 Identify and mark the location of utilities apparatus and sub-structures

### **Additional for Lightning Protection Engineering option (not compulsory)**

- VR255 v3 Install temporary lifting and suspension apparatus
- VR263 v2 Secure and use rope access arrangements

## **Rigging – Suspended Access Equipment Option Route (Total 7 for both Group A and Group B)**

### **Optional (one from the following)**

- VR248 v2 Erect and dismantle mobile and static scaffold towers
- VR360 v4 Install, maintain and remove work area protection and safety equipment
- VR657 v2 Inspect and complete user maintenance on plant or machinery

### **PLUS**

#### **Group A for Temporary Suspended Access**

##### **Mandatory**

- VR254 v3 Erect and remove specialist access equipment
- VR255 v3 Install temporary lifting and suspension apparatus

##### **OR**

#### **Group B for Permanent Suspended Access**

##### **Mandatory**

- VR259 v2 Install permanent, suspended access equipment
- VR260 v2 Use cradle access systems

### **Additional for Suspended Access Equipment Option (not compulsory)**

- VR402 v2 Slinging and signalling the movement of suspended loads

## **Safety Net Rigging Option Route (Total 6)**

### **Mandatory**

- VR261 v2 Install and remove safety net rigging
- VR392 v2 Operate plant or machinery used as work platforms

## **Fall Arrest Option Route (Total 6)**

### **Mandatory**

- VR262 v2 Install and set up provision for fall arrest
- VR392 v2 Operate plant or machinery used as work platforms

### **Additional for Fall Arrest option (not compulsory)**

- VR261 v2 Install and remove safety net rigging

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## **Offshore Scaffolding Option Route (Total 8)**

### **Mandatory**

VR247 v2 Erect and dismantle independent and birdcage scaffolds

VR248 v2 Erect and dismantle mobile and static scaffold towers

VR249 v2 Erect and dismantle cantilever scaffolds

### **Plus optional (one from the following)**

VR251 v2 Erect and dismantle pavement or roof scaffolds

VR255 v3 Install temporary lifting and suspension apparatus

VR263 v2 Secure and use rope access arrangements

### **Additional for Offshore Scaffolding Option (not compulsory)**

VR258 v2 Equip scaffolds with safeguards and environmental protection

VR402 v2 Slinging and signalling the movement of suspended loads

VR411 v2 Inspect scaffolding/rigging systems

## Unit endorsements for Accessing Operations and Rigging 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
VR50	One of the following: Brick Block masonry Local material Plus three of the following: Match existing materials Continue existing bonding Match existing quality of structure Form openings Prop existing walls and floors Form internal and external angles
VR53	One of the following: Mechanically joined Welded
VR248	One of the following: Tube and fitting Systems scaffold
VR249	One of the following: Cantilever truss out Cantilever drop Cantilever fan
VR251	One of the following: Tube and fitting Systems scaffold Gantries Saddles
VR252	Own area of work (i.e. Scaffolding; Steeplejacking; Lightning protection engineering; Rigging – suspended access equipment; Safety net rigging; Fall arrest; Offshore scaffolding) Plus two or more of the following: Scaffold/rigging Secured steelwork structures Wire and rope systems Permanent anchorage points Temporary anchorage points Track systems Proprietary systems
VR253	One of the following: Tube and fitting Systems scaffold
VR254	One of the following: Steeplejacking: Vertical ladders, roof ladders Lightning protection engineering: Roof ladders, tower scaffolds, crawler boards Rigging – suspended access equipment: Suspended platforms

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NOS	Endorsement
VR255	Two of the following: Block and tackle material lifting gear (manual and mechanical) Cradle suspensions Rope access equipment Bosun's seats Winches Counterbalance lifting systems Suspended platforms
VR259	One of the following: Gantries Ladders Cradles Davits Building maintenance units (BMUs)
VR260	Own area of work (i.e. Scaffolding; Steeplejacking; Lightning protection engineering; Rigging – suspended access equipment; Safety net rigging; Fall arrest; Offshore scaffolding) Plus one or more of the following: Cradle access systems Travelling gantries Jib and rail systems Building maintenance units (BMUs)
VR360	One of the following: Protection and safety notices Safety lighting
VR372	Own area of work (i.e. Lightning protection engineering)
VR392	One of the following: Mobile elevated working platform scissor Mobile elevated working platform boom vehicle mounted Mobile elevated working platform boom self-propelled Mobile elevated working platform mast climber Mast climbing work platform
VR402	Slinger Signaller 'Occupation specific' only (own area of work :i.e. Rigging – suspended access equipment; Scaffolding; Steeplejacking; Offshore scaffolding)
VR657	Own area of work (i.e. Rigging – suspended access equipment) Plus at least four of the following: Cooling systems Oils and lubricants Fuels Running gear, drive mechanisms Electrics, instruments, lights, warning devices

**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.