

Recommended Qualification Structure (RQS) for Wood 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/optional groups as stated for the individual option route.

MANDATORY (all option routes)

- VR209v2 Confirm work activities and resources for the work
- VR210v3 Develop and maintain good working relationships
- VR211v2 Confirm the occupational method of work
- VR641v2 Conform to general workplace health, safety and welfare

PLUS ONE OF THE FOLLOWING OPTIONAL ROUTES

Site Carpentry Option Route (Total 9)

Mandatory

- VR09v3 Install first fixing components
- VR10v3 Install second fixing components
- VR628v3 Set up and use transportable cutting and shaping machines

Plus optional (two from the following)

- VR11v3 Erect structural carcassing components
- VR25v4 Maintain non-structural and structural components
- VR631v2 Erect roof structure carcassing components

Architectural Joinery Option Route (Total 10)

Mandatory

- VR14v5 Produce setting out details for routine products
- VR15v5 Mark out from setting out details for routine products
- VR16v5 Manufacture routine products
- VR632v3 Manufacture bespoke products
- VR633v2 Set Up and use fixed machinery

Plus optional (one from the following)

- VR28v3 Produce CAD setting out details
- VR472v1 Produce wood and wood-based products using computer numerically controlled/numerically controlled (CNC/NC) machinery
- VR634v3 Produce setting out details for bespoke products

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Wheelwrighting Option Route (Total 9)

Mandatory

- VR14v5 Produce setting out details for routine products
- VR15v5 Mark out from setting out details for routine products
- VR16v5 Manufacture routine products
- VR632v3 Manufacture bespoke products

Plus optional (one from the following)

- VR633v2 Set up and use fixed machinery
- VR634v3 Produce setting out details for bespoke products

Shopfitting Site Work Option Route (Total 9)

Mandatory

- VR15v5 Mark out from setting out details for routine products
- VR20v3 Install shopfitting frames and finishings
- VR21v3 Install shopfitting fitments
- VR22v3 Install shopfronts and finishings
- VR628v3 Set up and use transportable cutting and shaping machines

Shopfitting Bench Work Option Route (Total 10)

Mandatory

- VR14v5 Produce setting out details for routine products
- VR15v5 Mark out from setting out details for routine products
- VR16v5 Manufacture routine products
- VR632v3 Manufacture bespoke products
- VR633v2 Set up and use fixed machinery

Plus optional (one from the following)

- VR28v3 Produce CAD setting out details
- VR472v1 Produce wood and wood-based products using computer numerically controlled/numerically controlled (CNC/NC) machinery
- VR634v3 Produce setting out details for bespoke products

Structural Post and Beam Carpentry Option Route (Total 7)

Mandatory

- VR635v2 Design and fabricate structural timber connections

Plus optional (two from the following)

- VR28v3 Produce CAD setting out details
- VR402v2 Slinging and signalling the movement of suspended loads
- VR472v1 Produce wood and wood-based products using computer numerically controlled/numerically controlled (CNC/NC) machinery
- VR554v1 Conserve or restore heavy timber framework
- VR636v2 Fabricate post and beam components

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Timber Frame Erection Option Route (Total 9)

Mandatory

- VR218v3 Co-ordinate and confirm the dimensional requirements of the work
- VR289v5 Erect timber walls and floors
- VR290v6 Erect timber roof structures
- VR402 v2 Slinging and signalling the movement of suspended loads
- VR631 v2 Erect roof structure carcassing components

Unit endorsements for Wood Occupations 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
VR09	Three of the following: Frames (door and/or window) Linings (door and/or hatch) Floor joist coverings (or flat roof decking) Partitions Staircases Roof verge and eaves finishings
VR10	Five of the following: Side hung doors Mouldings (architrave, skirting) Ironmongery Service encasement Prefabricated units Cladding or panelling Stair components (balustrades, handrails, spindles)
VR11	One of the following: Inclined roofs with gables Load bearing partitions Joists (ground, upper or flat roof) including coverings (flat roofs, decks or floors)
VR14	One of the following groups: Architectural Joinery - two items from the following: Doors Windows with opening lights Units and/or fitments Panelling or cladding Staircases Or Wheelwrighting - Carriage construction: wheels plus one item from the following: Doors Wooden framed vehicles Shafts Or Shopfitting - Timber and/or timber based products and/or composite materials, and/or metal at least two items from the following: Doors Frames and linings Shopfront sashes including associated elements Panelling or cladding Units and fitments

NOS	Endorsement
VR15	<p>One of the following groups: Architectural Joinery - at least two items from the following: Doors Windows with opening lights Units and/or fitments Panelling and cladding Staircases</p> <p>Or</p> <p>Wheelwrighting - Carriage construction: wheels plus one item from the following: Doors Wooden framed vehicles Shafts</p> <p>Or</p> <p>Shopfitting - Timber and/or timber based products and/or composite materials, and/or metal at least two items from the following: Doors Frames and linings Shopfront sashes including associated elements Panelling and cladding Units and fitments</p>
VR16	<p>One of the following groups: Architectural Joinery - at least two items from the following: Doors Windows with opening lights Units and/or fitments Panelling and cladding Staircases</p> <p>Or</p> <p>Wheelwrighting - Carriage construction: wheels (including butt welding rim) plus at least one item from the following: Doors Wooden framed vehicles Shafts</p> <p>Or</p> <p>Shopfitting - Timber and/or timber based products and/or composite materials, and/or metal at least two items from the following: Doors Frames and linings Shopfront sashes including associated elements Panelling and cladding Units and fitments</p>
VR20	<p>Six of the following: Door frames Hung doors Door sets Mouldings or trims Ironmongery Service encasement Linings Panelling or cladding Partition walling Staircase finishings and balustrades Staircases Bulkheads and soffits Units and fitments Window frames</p>

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NOS	Endorsement
VR21	Two of the following: Counters Display units Shelving units Fixed seating
VR22	Three of the following: Shopfront surrounds Stall risers Mouldings or trims Window beds Fascias Specialist treatment and finishings Blind box
VR25	Three of the following for non-structural components: Frames (to include priming the repair) Mouldings (to include priming the repair) Floor joist covering (or flat roof) Sash cords Windows replacement glazing Fascia, soffits and bargeboards Non-structural stair components False ceiling Plus Two of the following for structural components: Stall risers Structural joists (including support) Structural rafters (including support) Structural stair components Load bearing partitions Form openings
VR290	Pre-assembled roof structures – mechanically handled, plus one of the following: In situ roofs – manually handled In situ roofs – mechanically handled
VR402	Slinger Signaller 'Occupation specific' only (own area of work: i.e. Timber frame erection, Structural Post and Beam Carpentry)
VR472	One from list A: High-speed router Window centre OR Two from list B: Single-end tenoner Double-end tenoner Panel saw Morticing machines Lathe Four-sided planer Sanding machine Boring machine Shaping machine Edge bander Spindle moulder Beam saw

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NOS	Endorsement
VR554	One of the following: Walls (structural and/or non-structural) Floors Roofs
VR628	Three of the following cutting machines: Saw – three from the following: circular, chop, mitre, bench or table, jig, reciprocating, oscillating Drill Planer Biscuit jointer Disc cutter Morticer PLUS Two of the following shaping machines: Thicknesser Sander (orbital, belt, disc) Router Laminate trimmer Planer
VR629	Five of the following: Embedded column footings Raised column footings Wall plates Blocking Bracing Parapets or balustrades Stairs Ramps
VR631	Two of the following: Hips and/or valleys Roof verge and eaves Parapet finishings False chimneys Openings (e.g. windows, hatches, dormers, roof lights and vents)

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NOS	Endorsement
VR632	<p>One of the following: Architectural Joinery -three items from the following: Door sets Doors Opening windows Units and fitments Panelling or cladding joinery products incorporating any of the following – glass, metal, fabrics, veneers and laminates Staircases (straight and with turns) Handrails and balustrades Joinery products with single curvature features Joinery products with double curvature features</p> <p>Or</p> <p>Wheelwrighting group - Carriage construction: Wheels plus at least two items from the following: Doors Frames Wooden framed vehicles Shafts Butt welding rims Metal and/or rubber tyreing Wooden framed vehicles with single curvature features Wooden framed vehicles with double curvature features</p> <p>Or</p> <p>Shopfitting products group – timber, timber based products and/or composite materials and/or metal - three items from the following: Door sets Internal screens Frames and linings Shopfront sashes including associated elements Panelling or cladding Units and fitments Products incorporating any of the following – glass, fabrics, veneers, laminates Staircases (straight and with turns) Handrails and balustrades Shopfitting products with single curvature features Shopfitting products with double curvature features Soffits and bulkheads</p>
VR633	<p>Six of the following: Circular saw Planer Thicknesser Bandsaw Morticer Tenoner Spindle moulder Drill Grinder Sander Overhead router</p>

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NOS	Endorsement
VR634	<p>One of the following: Architectural Joinery group - three items from the following: Door sets Doors Open windows Units and/or fitments Panelling and/or cladding Staircases (straight and with turns) Handrails and balustrading Joinery products incorporating any of the following – glass, metal, fabrics, veneers, laminates Joinery products with single curvature features Joinery products with double curvature features</p> <p>Or</p> <p>Wheelwrighting group Carriage construction: Wheels plus two items from the following: Doors Frames Wooden framed vehicles Shafts Steps Wooden framed vehicles with single curvature features Wooden framed vehicles with double curvature features</p> <p>Or</p> <p>Shopfitting products group - timber, timber based products and/or composite materials and/or metal - three items from the following: Doors Frames and linings Shopfront sashes including associated elements Framed panelling and/or cladding Units and fitments Products incorporating any of the following – glass, fabrics, veneers Staircases (straight and with turns) Handrails and balustrades Shopfitting products with single curvature features Shopfitting products with double curvature features Soffits and bulkheads</p>

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.