

**LEVEL 3 NVQ STRUCTURE FOR WOOD OCCUPATIONS (CONSTRUCTION)**

Version 1 of the combined NVQ and TQT structure June 2019

<b>Guided Learning Hours</b> - eg contact time or supervised learning with a mentor/tutor/supervisor including onsite or in a classroom.
<b>Assessment</b> - The average hours it would take to assess the candidate's competence in the particular learning - this can contribute to guided learning, but this has been kept separate in building the qualification value
<b>Other Learning</b> - eg Learners own study/research, practice of skills, compilation of portfolio of work evidence
<b>Duplicated Learning</b> - units are derived from National Occupational Standards. When the units are combined for the occupational NVQ, elements of learning in one occupational unit are repeated in others. Hence there is a degree of duplication. The organisations involved in determining TQT also agree the amount of time in each occupational unit that is duplicated. For this NVQ, these elements are considered to represent 40 hours. This needs to be included for TQT once for the occupational units, so where there are 2 occupational units (excluding core units 641, 642, 643, 209, 210 & 211) 1x 40 hours would be deducted similarly where there are 3 occupational units (excluding core mandatory units 641, 642, 643, 209, 210 & 211), there would be a deduction of 2 x 40 hours = 80 hours

<b>Nb:</b> as qualifications are currently still built on units, which individually state guided learning hours, which has in the past excluded assessment, the values are shown separately
<b>Nb:</b> previous/older forms reflect Ofqual TQT guidance from March 2015 'After the QCF', where qualifications had to have Guided Learning, Directed Learning and Invigilated Assessment assigned as components of TQT

**PATHWAY 1 - LEVEL 3 NVQ IN SITE CARPENTRY**

**MINIMUM TQT FOR THIS PATHWAY = 1280**

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit suite code
		EXISTING GLH	ASSESSMENT						
09Bv3	Installing bespoke first fixing components in the workplace	90	10	80	180	3	M	Y	
10Bv3	Installing bespoke second fixing components in the workplace	123	10	97	230	3	M	Y	
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	15	52	100	3	M	N	Occupational Work Supervision
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N	Occupational Work Supervision
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N	Occupational Work Supervision
628v3	Setting up and using transportable cutting and shaping machines in the workplace	120	10	130	260	2	M	Y	
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	
<b>Optional units - TWO units required</b>									
11v3	Erecting structural carcassing components in the workplace	97	10	93	200	2	O	Y	
25v4	Maintaining non-structural and structural components in the workplace	127	10	153	290	3	O	Y	
631v2	Erecting roof structure carcassing components in the workplace	95	10	155	260	3	O	Y	
<b>Duplicated learning</b>					<b>-160</b>				
<b>Sub - Totals</b>		629	95	716					
<b>Totals</b>		<b>724</b>		<b>716</b>					
<b>Total TQT minus Duplicated Learning</b>				<b>1280</b>					

Pathway 1 - Units 09, 10, 209, 210, 211, 628, 641, 11, 631 selected to form the minimum TQT value (other units are available)

**PATHWAY 2 - LEVEL 3 ARCHITECTURAL JOINERY**

**MINIMUM TQT FOR THIS PATHWAY = 1260**

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
14Av4	Producing setting out details for routine architectural joinery products in the workplace	77	10	53	140	2	M	Y	
15Av4	Marking out from setting out details for routine architectural joinery products in the workplace	70	10	40	120	2	M	Y	
16Av5	Manufacturing routine architectural joinery products in the workplace	93	10	87	190	2	M	Y	
632Av3	Manufacturing bespoke architectural joinery products in the workplace	113	10	127	250	3	M	Y	
633v2	Setting up and using fixed machinery in the workplace	120	10	120	250	3	M	Y	
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	15	52	100	3	M	N	Occupational Work Supervision
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N	Occupational Work Supervision
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N	Occupational Work Supervision
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	
<b>Optional units - ONE Unit required</b>									
28v3	Producing CAD setting out details in the workplace	80	10	210	300	3	O	N	
472v1	Producing wood and wood-based products using computer numerically controlled/numerically controlled (CNC/NC) machinery in the workplace	73	10	137	220	2	O	Y	Woodmachining
634Av3	Producing setting out details for bespoke architectural joinery products in the workplace	97	10	93	200	3	O	Y	
<b>Duplicated learning</b>					<b>-200</b>				
<b>Sub - Totals</b>		674	105	681					
<b>Totals</b>		779		681					
<b>Total TQT minus Duplicated Learning</b>				<b>1260</b>					

**Pathway 2 - Units 14, 15, 16, 632A, 633, 209, 210, 211, 641, 634A selected to form the minimum TQT value (other units are available)**

**PATHWAY 3 - LEVEL 3 NVQ IN WHEELWRIGHTING**
**MINIMUM TQT FOR THIS PATHWAY = 1050**

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
14Cv3	Producing setting out details for routine wheelwrighting products in the workplace	77	10	53	140	2	M	Y	
15Cv3	Marking out from setting out details for routine wheelwrighting products in the workplace	70	10	40	120	2	M	Y	
16Cv3	Manufacturing routine wheelwrighting products in the workplace	93	10	87	190	2	M	Y	
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	10	57	100	3	M	N	Occupational Work Supervision
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N	Occupational Work Supervision
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N	Occupational Work Supervision
632Cv2	Manufacturing bespoke wheelwrighting products in the workplace	113	10	127	250	3	M	Y	
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	
<b>Optional units - ONE Unit required</b>									
633v2	Setting up and using fixed machinery in the workplace	120	10	120	250	3	O	Y	
634Cv2	Producing setting out details for bespoke wheelwrighting products in the workplace	97	10	93	200	3	O	Y	
<b>Duplicated learning</b>					<b>-160</b>				
<b>Sub - Totals</b>		554	90	566					
<b>Totals</b>		<b>644</b>		<b>566</b>					
<b>Total TQT minus Duplicated Learning</b>					<b>1050</b>				

**Pathway 3 - Units 14C, 15C, 16C, 209, 210, 211, 632C, 641, 634C selected to form the minimum TQT value (other units are available)**
**PATHWAY 4 - LEVEL 3 NVQ IN SHOPFITTING SITE WORK**
**MINIMUM TQT FOR THIS PATHWAY = 1070**

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
15Bv3	Marking out from setting out details for routine shopfitting products in the workplace	70	10	40	120	2	M	Y	
20v3	Installing shopfitting frames and finishings in the workplace	117	10	133	260	2	M	Y	
21v3	Installing shopfitting fitments in the workplace	73	10	47	130	2	M	Y	
22v3	Installing shopfronts and finishings in the workplace	83	10	57	150	2	M	Y	
628v3	Setting up and using transportable cutting and shaping machines in the workplace	120	10	130	260	2	M	Y	
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	15	52	100	3	M	N	Occupational Work Supervision
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N	Occupational Work Supervision
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N	Occupational Work Supervision
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	
<b>Duplicated learning</b>					<b>-160</b>				
<b>Sub - Totals</b>		567	95	568					
<b>Totals</b>		<b>662</b>		<b>568</b>					
<b>Total TQT minus Duplicated Learning</b>					<b>1070</b>				

**Pathway 4 - All Units selected to form the minimum TQT value**

**PATHWAY 5 - LEVEL 3 NVQ IN SHOPFITTING BENCH WORK**

**MINIMUM TQT FOR THIS PATHWAY = 1260**

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
14Bv3	Producing setting out details for routine shopfitting products in the workplace	77	10	53	140	2	M	Y	
15Bv3	Marking out from setting out details for routine shopfitting products in the workplace	70	10	40	120	2	M	Y	
16Bv4	Manufacturing routine shopfitting products in the workplace	93	10	87	190	2	M	Y	
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	15	52	100	3	M	N	Occupational Work Supervision
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N	Occupational Work Supervision
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N	Occupational Work Supervision
632Bv2	Manufacturing bespoke shopfitting products in the workplace	113	10	127	250	3	M	Y	
633v2	Setting up and using fixed machinery in the workplace	120	10	120	250	3	M	Y	
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	
<b>Optional units - ONE Unit required</b>									
28v3	Producing CAD setting out details in the workplace	80	10	210	300	3	O	N	
472v1	Producing wood and wood-based products using computer numerically controlled/numerically controlled (CNC/NC) machinery in the workplace	73	10	137	220	2	O	Y	Woodmachining
634Bv2	Producing setting out details for bespoke shopfitting products in the workplace	97	10	93	200	3	O	Y	
<b>Duplicated learning</b>					<b>-200</b>				
<b>Sub - Totals</b>		674	105	681					
<b>Totals</b>		779		681					
<b>Total TQT minus Duplicated Learning</b>				<b>1260</b>					

**Pathway 5 - Units 14B, 15B, 16B, 209, 210, 211, 632B, 633, 641, 634B selected to form the minimum TQT value (other units are available)**

**PATHWAY 6 - LEVEL 3 NVQ IN STRUCTURAL POST AND BEAM CARPENTRY**
**MINIMUM TQT FOR THIS PATHWAY = 900**

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
635v2	Designing and fabricating structural timber connections in the workplace	147	10	193	350	3	M	N	
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	15	52	100	3	M	N	Occupational Work Supervision
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N	Occupational Work Supervision
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N	Occupational Work Supervision
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	
<b>Optional units - TWO Units required</b>									
28v3	Producing CAD setting out details in the workplace	80	10	210	300	3	O	N	
402Av1	Slinging and hand signalling the movement of suspended loads in the workplace	33	10	57	100	2	O	N	Controlling Lifting Ops
472v1	Producing wood and wood-based products using computer numerically controlled/numerically controlled (CNC/NC) machinery in the workplace	73	10	137	220	2	O	Y	Woodmachining
554v1	Conserving or restoring heavy timber framework in the workplace	107	10	203	320	3	O	N	Heritage Skills
636v2	Fabricating post and beam components in the workplace	140	10	180	330	3	O	N	
<b>Duplicated learning</b>					<b>-80</b>				
<b>Sub - Totals</b>		357	75	548					
<b>Totals</b>		<b>432</b>		<b>548</b>					
<b>Total TQT minus Duplicated Learning</b>				<b>900</b>					
<b>Pathway 6 - Units 635, 209, 210, 211, 641, 402A selected to form the minimum TQT value (other units are available)</b>									

**PATHWAY 7 - LEVEL 3 NVQ IN TIMBER FRAME ERECTION**
**MINIMUM TQT FOR THIS PATHWAY = 1060**

UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
209v2	Confirming work activities and resources for an occupational work area in the workplace	33	15	52	100	3	M	N	Occupational Work Supervision
210v3	Developing and maintaining good occupational working relationships in the workplace	27	10	43	80	3	M	N	Occupational Work Supervision
211v2	Confirming the occupational method of work in the workplace	37	10	63	110	3	M	N	Occupational Work Supervision
218v3	Co-ordinating and confirming the dimensional control requirements of the work in the workplace	30	10	50	90	3	M	N	Occupational Work Supervision
289v4	Erecting timber walls and floors in the workplace	140	10	80	230	2	M	N	
290v4	Erecting timber roof structures in the workplace	100	10	120	230	2	M	Y	
402Av1	Slinging and hand signalling the movement of suspended loads in the workplace	33	10	57	100	2	M	N	Controlling Lifting Ops
631v2	Erecting roof structure carcassing components in the workplace	95	10	155	260	3	M	Y	
641	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	
<b>Duplicated learning</b>					<b>-160</b>				
<b>Sub - Totals</b>		502	95	623					
<b>Totals</b>		<b>597</b>		<b>623</b>					
<b>Total TQT minus Duplicated Learning</b>				<b>1060</b>					
<b>Pathway 7 - All Units selected to form the minimum TQT value</b>									

**Shared units information**

The table shows where NVQ units derived from NOS are imported into other NVQ structures

Wood Occupations specific NOS		VR09	VR12	VR15	VR16	VR25	VR30	VR632	VR634
CMA	Construction Using Off-site Manufactured Assemblies	L2	L2			L2			
BMMRRO	Building Maintenance Multi-trade Repair and Refurbishment		L2 & L3			L2 & L3			
WM	Woodmachining			L2	L2				
HS	Heritage Skills						L3	L3	L3

NWG members represented when determining occupation specific TQT values

Hind Joiners and Builders Ltd

British Wood Working Federation

CDS Construction Services and National Association of Shopfitters

Leeds College of Building

Royal School of Military Engineering

Oakwrights of Bath Ltd

Seven Oaks Ltd

Westwind Oak Building Ltd

William Grey Construction

Custom Precision Joinery Ltd

Limebright Ltd

Unit endorsements for INSERT LEVEL NVQ AND TITLE - For endorsement details please see master list on PDF

**CITB unit  
ref      Endorsement**

09	<p>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</p>
10	<p>Five of the following:          Side hung doors          Mouldings (architrave, skirting)          Ironmongery          Service encasement          Prefabricated units          Cladding or panelling          Stair components (balustrades, handrails, spindles)</p>
11	<p>One of the following:          Inclined roofs with gables          Load bearing partitions          Joists (ground, upper or flat roof) including coverings (flat roofs, decks or floors)</p>
14	<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 or cladding          Staircases</p> <p>Wheelwrighting - Carriage construction: wheels plus at least one item from the following:          Doors          Wooden framed vehicles          Shafts</p> <p>Shopfitting - Timber and/or timber based products and/or composite materials, and/or <del>Non-ferrous metal based</del> at least two items from the following:          Doors          Frames and linings          Shopfront sashes including associated elements          Panelling or cladding          Units and fitments</p>
15	<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>Wheelwrighting - Carriage construction: wheels plus at least one item from the following:          Doors          Wooden framed vehicles          Shafts</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>

16	<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>Wheelwrighting - Carriage construction: wheels (including butt welding rim) plus at least one item from the following:  Doors  Wooden framed vehicles  Shafts</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>
	<p>Six of the following:  Door frames  Hung doors  Door sets  Mouldings or trims  Ironmongery  Service encasement  Linings  Panelling and/or cladding  Partition walling  Staircase finishings and balustrades  Staircases  Bulkheads and soffits  Units and fitments  Window frames</p>
21	<p>Two of the following:  Counters  Display units  Shelving units  Fixed seating</p>
22	<p>Three of the following:  Shopfront surrounds  Stall risers  Mouldings or trims  Window beds  Fascias  Specialist treatment and finishings  Blind box</p>



25	<p>Three of the following for non-structural components:</p> <ul style="list-style-type: none"> <li>Frames (to include priming the repair)</li> <li>Mouldings (to include priming the repair)</li> <li>Floor joist covering (or flat roof)</li> <li>Sash cords</li> <li>Windows replacement glazing</li> <li>Fascia, soffits and bargeboards</li> <li>Non-structural stair components</li> <li>False ceiling</li> </ul> <p>Plus</p> <p>Two of the following for structural components:</p> <ul style="list-style-type: none"> <li>Stall risers</li> <li>Structural joists (including support)</li> <li>Structural rafters (including support)</li> <li>Structural stair components</li> <li>Load bearing partitions</li> <li>Form openings</li> </ul>
290	<p>Pre-assembled roof structures – mechanically handled, plus one of the following:</p> <ul style="list-style-type: none"> <li>In situ roofs – manually handled</li> <li>In situ roofs – mechanically handled</li> </ul>
472	<p>One from list A:</p> <ul style="list-style-type: none"> <li>High-speed router</li> <li>Window centre</li> </ul> <p>OR</p> <p>Two from list B:</p> <ul style="list-style-type: none"> <li>Single-end tenoner</li> <li>Double-end tenoner</li> <li>Panel saw</li> <li>Morticing machines</li> <li>Lathe</li> <li>Four-sided planer</li> <li>Sanding machine</li> <li>Boring machine</li> <li>Shaping machine</li> <li>Edge bander</li> <li>Spindle moulder</li> <li>Beam saw</li> </ul>
554	<p>One of the following:</p> <ul style="list-style-type: none"> <li>Walls (structural and/or non-structural)</li> <li>Floors</li> <li>Roofs</li> </ul>
628	<p>Three of the following cutting machines:</p> <ul style="list-style-type: none"> <li>Saw – three from the following: circular, chop, mitre, bench or table, jig, reciprocating, oscillating</li> <li>Drill</li> <li>Planer</li> <li>Biscuit jointer</li> <li>Disc cutter</li> <li>Morticer</li> </ul> <p>PLUS</p> <p>Two of the following shaping machines:</p> <ul style="list-style-type: none"> <li>Thicknesser</li> <li>Sander (orbital, belt, disc)</li> <li>Router</li> <li>Laminate trimmer</li> <li>Planer</li> </ul>
629	<p>Five of the following:</p> <ul style="list-style-type: none"> <li>Embedded column footings</li> <li>Raised column footings</li> <li>Wall plates</li> <li>Blocking</li> <li>Bracing</li> <li>Parapets or balustrades</li> <li>Stairs</li> <li>Ramps</li> </ul>

631	<p>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)</p>
632	<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  Doors  Frames and linings  Shopfront sashes including associated elements  Panelling and/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>
633	<p>Six of the following:  Circular saw  Planer  Thickneser  Bandsaw  Morticer  Tenoner  Spindle moulder  Drill  Grinder  Sander  Overhead router</p>

634	<p>One of the following:</p> <p>Architectural Joinery group - three items from the following:</p> <ul style="list-style-type: none"> <li>Door sets</li> <li>Doors</li> <li>Sliding sash windows</li> <li>Units and/or fitments</li> <li>Panelling and/or cladding</li> <li>Staircases (straight and with turns)</li> <li>Handrails and balustrading</li> <li>Joinery products incorporating any of the following – glass, metal, fabrics, veneers, laminates</li> <li>Joinery products with single curvature features</li> <li>Joinery products with double curvature features</li> </ul> <p>Or</p> <p>Wheelwrighting group Carriage construction: Wheels plus two items from the following:</p> <ul style="list-style-type: none"> <li>Doors</li> <li>Frames</li> <li>Wooden framed vehicles</li> <li>Shafts</li> <li>Steps</li> <li>Wooden framed vehicles with single curvature features</li> <li>Wooden framed vehicles with double curvature features</li> </ul> <p>Or</p> <p>Shopfitting products group - timber, timber based products and/or composite materials and/or metal - four items from the following:</p> <ul style="list-style-type: none"> <li>Doors</li> <li>Frames and linings</li> <li>Shopfront sashes including associated elements</li> <li>Framed panelling or cladding</li> <li>Units and fitments</li> <li>Products incorporating any of the following – glass, fabrics, veneers</li> <li>Staircases (straight and with turns)</li> <li>Handrails and balustrades</li> <li>Shopfitting products with single curvature features</li> <li>Shopfitting products with double curvature features</li> <li>Soffits and bulkheads</li> </ul>
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[Note: Where industry requests an Awarding Organisation to further endorse a unit, the Awarding Organisation must first seek approval from CITB.](#)

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