

LEVEL 2 NVQ STRUCTURE FOR ACCESSING OPERATIONS AND RIGGING (CONSTRUCTION)

Version 3 of the combined NVQ and TQT structure Sept 2022 (Steeplejacking, Lightning Protection Engineer and Safety Net Rigging and Fall Protection Systems pathways updated in July 2024)

Guided Learning Hours – eg contact time or supervised learning with a mentor/tutor/supervisor including onsite or in a classroom.
Assessment – The average hours it would take to assess the candidate’s competence in the particular function – this can contribute to guided learning, but this has been kept separate in building the qualification value
Other Learning – eg Learners own study/research, practice of skills, compilation of portfolio of work evidence
Duplicated Learning – 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 two occupational units (excluding core units 641, 642, 643, 209, 210 and 211) 1 x 40 hours would be deducted similarly where there are three occupational units (excluding core mandatory units 641, 642, 643, 209, 210 and 211), there would be a deduction of 2 x 40 hours = 80 hours

Nb: 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

Nb: 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 2 NVQ IN ACCESSING OPERATIONS & RIGGING (CONSTRUCTION) - SCAFFOLDING		MINIMUM TQT FOR THIS PATHWAY = 840				MINIMUM NUMBER OF UNITS = 8			
UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
247v2	Erecting and dismantling independent and birdcage scaffolds in the workplace	90	10	90	190	2	M	Y	
248v2	Erecting and dismantling mobile or static scaffold towers in the workplace	70	10	80	160	2	M	Y	
249v2	Erecting and dismantling cantilever scaffolds in the workplace	90	10	90	190	2	M	Y	
251v2	Erecting and dismantling pedestrian access lift or roof saddle in the workplace	70	10	110	190	2	M	Y	
252v2	Utilising the provision of fall protection systems in the workplace	80	10	80	170	2	M	Y	
641v1	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	WO
642v1	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N	WO
643v1	Moving, handling and storing resources in the workplace	17	10	23	50	2	M	N	WO
Additional (not compulsory)									
258v2	Equipping scaffolds with safeguards and environmental protection in the workplace	85	10	45	140	2	A	N	
360v4	Installing, maintaining and removing work area protection and safety equipment in the workplace	55	10	35	100	2	A	Y	CCEO
411v3	Inspecting scaffolding and rigging systems in the workplace	140	10	60	210	3	A	N	
Duplicated learning					-160				
Sub - Totals		434	80	486					
Totals		514		486					
Total TQT minus Duplicated Learning		840							

**PATHWAY 2 – LEVEL 2 NVQ IN ACCESSING OPERATIONS AND RIGGING
(CONSTRUCTION) - STEEPLEJACKING**

					MINIMUM TQT FOR THIS PATHWAY = 810		MINIMUM NUMBER OF UNITS = 7		
UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
252v2	Utilising the provision of fall protection systems in the workplace	80	10	80	170	2	M	Y	
253v3	Erecting and dismantling steeplejack scaffolds in the workplace	90	10	90	190	2	M	Y	
254v3	Erecting and removing specialist access equipment in the workplace	80	10	130	220	2	M	Y	
255v2	Installing and removing temporary lifting and suspension apparatus in the workplace	90	10	150	250	2	M	Y	
641v1	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	WO
642v1	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N	WO
643v1	Moving, handling and storing resources in the workplace	17	10	23	50	2	M	N	WO
Additional units - (Not compulsory)									
53v3	Erecting metal chimneys in the workplace	63	10	117	190	2	A	N	CO
333 v3	Applying surface coatings by brush and roller in the workplace	60	20	140	220	3	A	Y	DEC
392Av3	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace (lowest value option used)	40	10	70	120	2	O	N	PLO
392Bv3	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	47	10	83	140	2	O	N	PLO
392Cv3	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	40	10	70	120	2	O	N	PLO
Duplicated learning					-120				
Sub - Totals		374	70	486					
Totals		444		486					
Total TQT minus Duplicated Learning				810					

**PATHWAY 3 – NVQ LEVEL 2 IN ACCESSING OPERATIONS AND RIGGING
(CONSTRUCTION) - LIGHTNING PROTECTION ENGINEER**

		MINIMUM TQT FOR THIS PATHWAY = 880				MINIMUM NUMBER OF UNITS = 8			
UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
252v2	Utilising the provision of fall protection systems in the workplace	80	10	80	170	2	M	Y	
254v3	Erecting and removing specialist access equipment in the workplace	80	10	130	220	2	M	N	
256v2	Installing lightning conductor systems in the workplace	90	10	100	200	2	M	N	
257v2	Commissioning lightning conductor installation systems in the workplace	130	10	90	230	2	M	N	
372v3	Identifying and marking the location of utilities apparatus and sub-structures in the workplace	65	10	45	120	2	M	N	RBM
641v1	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	WO
642v1	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N	WO
643v1	Moving, handling and storing resources in the workplace	17	10	23	50	2	M	N	WO
Additional units (Not compulsory)									
255v2	Installing and removing temporary lifting and suspension apparatus in the workplace	90	10	150	250	2	A	Y	
392Av3	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace (lowest value option used)	40	10	70	120	2	O	N	PLO
392Bv3	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	47	10	83	140	2	O	N	PLO
392Cv3	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	40	10	70	120	2	O	N	PLO
Duplicated learning					-160				
Sub - Totals		479	80	481					
Totals		559		481					
Total TQT minus Duplicated Learning				880					

**PATHWAY 4 – NVQ LEVEL 2 IN ACCESSING OPERATIONS AND RIGGING
(CONSTRUCTION) - SUSPENDED ACCESS EQUIPMENT - TEMPORARY**

					MINIMUM TQT FOR THIS PATHWAY = 760		MINIMUM NUMBER OF UNITS = 8		
UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
252v2	Utilising the provision of fall protection systems in the workplace	80	10	80	170	2	M	Y	
254v3	Erecting and removing specialist access equipment in the workplace	80	10	130	220	2	M	N	
255v2	Installing and removing temporary lifting and suspension apparatus in the workplace	90	10	150	250	2	M	Y	
360v4	Installing, maintaining and removing work area protection and safety equipment in the workplace	55	10	35	100	2	M	Y	CCEO
641v1	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	WO
642v1	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N	WO
643v1	Moving, handling and storing resources in the workplace	17	10	23	50	2	M	N	WO
657v1	Inspecting and completing user maintenance on plant or machinery in the workplace	45	10	25	80	1	M	Y	CPPM
Duplicated learning					-160				
Sub - Totals		384	80	456					
Totals		464		456					
Total TQT minus Duplicated Learning			760						

**PATHWAY 5 – LEVEL 2 NVQ DIPLOMA IN ACCESSING OPERATIONS AND RIGGING
(Construction) – SUSPENDED ACCESS EQUIPMENT – PERMANENT**

					MINIMUM TQT FOR THIS PATHWAY = 720		MINIMUM NUMBER OF UNITS = 8		
UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
252v2	Utilising the provision of fall protection systems in the workplace	80	10	80	170	2	M	Y	
259v2	Installing permanent suspended access equipment in the workplace	70	10	110	190	2	M	Y	
260v2	Using cradle access systems in the workplace	110	10	120	240	2	M	Y	
360v4	Installing, maintaining and removing work area protection and safety equipment in the workplace	55	10	35	100	2	M	Y	CCEO
641v1	Conforming to general health, safety and welfare in the workplace	7	10	3	20	3	M	N	WO
642v1	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N	WO
643v1	Moving, handling and storing resources in the workplace	17	10	23	50	2	M	N	WO
657v1	Inspecting and completing user maintenance on plant or machinery in the workplace	45	10	25	80	1	M	Y	CPMM
Duplicated learning					-160				
Sub - Totals		394	80	406					
Totals		474		406					
Total TQT minus Duplicated Learning			720						

PATHWAY 6 – LEVEL 2 NVQ DIPLOMA IN ACCESSING OPERATIONS AND RIGGING (CONSTRUCTION) – SAFETY NET RIGGING					MINIMUM TQT FOR THIS PATHWAY = 510	MINIMUM NUMBER OF UNITS = 6				
UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner	
		EXISTING GLH	ASSESSMENT							
252v2	Utilising the provision of fall protection systems in the workplace	80	10	80	170	2	M	Y		
261v2	Installing and removing safety net rigging in the workplace	70	10	80	160	2	M	N		
641v1	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	WO	
642v1	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N	WO	
643v1	Moving, handling and storing resources in the workplace	17	10	23	50	2	M	N	WO	
Optional units - ONE Unit required										
392Av3	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace (lowest value option used)	40	10	70	120	2	O	N	PLO	
392Bv3	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	47	10	83	140	2	O	N	PLO	
392Cv3	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	40	10	70	120	2	O	N	PLO	
Duplicated learning					-40					
Sub - Totals		224	60	266						
Totals		284		266						
Total TQT minus Duplicated Learning					510					

PATHWAY 7 – LEVEL 2 NVQ DIPLOMA IN ACCESSING OPERATIONS AND RIGGING (CONSTRUCTION) – FALL PROTECTION SYSTEMS					MINIMUM TQT FOR THIS PATHWAY = 420	MINIMUM NUMBER OF UNITS = 5				
UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner	
		EXISTING GLH	ASSESSMENT							
252v2	Utilising the provision of fall protection systems in the workplace	80	10	80	170	2	M	Y		
262v2	Installing and setting up fall protection systems in the workplace	110	10	70	190	2	M	N		
641v1	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	WO	
642v1	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N	WO	
643v1	Moving, handling and storing resources in the workplace	17	10	23	50	2	M	N	WO	
Additional units (Not compulsory)										
392Av3	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace (lowest value option used)	40	10	70	120	2	O	N	PLO	
392Bv3	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	47	10	83	140	2	O	N	PLO	
392Cv3	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	40	10	70	120	2	O	N	PLO	
Duplicated learning					-40					
Sub - Totals		224	50	186						
Totals		274		186						
Total TQT minus Duplicated Learning					420					

**PATHWAY 8 – NVQ LEVEL 2 IN ACCESSING OPERATIONS AND RIGGING
(CONSTRUCTION) - OFFSHORE**

		MINIMUM TQT FOR THIS PATHWAY = 840				MINIMUM NUMBER OF UNITS = 8			
UNIT	TITLE	GUIDED LEARNING HOURS		OTHER LEARNING	TQT	Level	Unit type	Endorse	Imported unit Owner
		EXISTING GLH	ASSESSMENT						
247v2	Erecting and dismantling independent and birdcage scaffolds in the workplace	90	10	90	190	2	M	Y	
248v2	Erecting and dismantling mobile or static scaffold towers in the workplace	70	10	80	160	2	M	Y	
249v2	Erecting and dismantling cantilever scaffolds in the workplace	90	10	90	190	2	M	Y	
252v2	Utilising the provision of fall protection systems in the workplace	80	10	80	170	2	M	Y	
641v1	Conforming to general health, safety and welfare in the workplace	7	10	3	20	1	M	N	WO
642v1	Conforming to productive working practices in the workplace	10	10	10	30	2	M	N	WO
643v1	Moving, handling and storing resources in the workplace	17	10	23	50	2	M	N	WO
Optional units - ONE Unit required									
251v2	Erecting and dismantling pedestrian access lift or roof scaffolds in the workplace	70	10	110	190	2	O	Y	
255v2	Installing and removing temporary lifting and suspension apparatus in the workplace	90	10	150	250	2	O	Y	
Additional units (Not compulsory)									
258v2	Equipping scaffolds with safeguards and environmental protection in the workplace	85	10	45	140	2	A	N	
411v3	Inspecting scaffolding and rigging systems in the workplace	140	10	60	210	3	A	N	
Duplicated learning					-160				
Sub - Totals		434	80	486					
Totals		514		486					
Total TQT minus Duplicated Learning				840					

INSERT OCCUPATIONS AFFECTED BY CHANGES TO THIS STRUCTURE

Unit 252 - Roofing Occupations

NWG members represented when determining occupation specific TQT values

- Altrad
- NASC
- Muehlhan
- Billfinger
- Scaffolding safety services
- PTSG
- Sentinel LP
- OSATS
- Horizons SC
- FASET
- SAEMA
- ATLAS
- Zenith Structural
- Faraday Chapman

Unit endorsements for LEVEL 2 NVQ IN ACCESSING OPERATIONS AND RIGGING

CITB unit
ref Endorsement

53	<p>One of the following:</p> <ul style="list-style-type: none"> - Mechanically joined - Welded
247	<p>One of the following:</p> <ul style="list-style-type: none"> - Tube and fitting - System scaffold
248	<p>One of the following:</p> <ul style="list-style-type: none"> - Tube and fitting - System scaffold
249	<p>One of the following: Tube and Fitting or System scaffold to</p> <ul style="list-style-type: none"> - Cantilever truss out - Cantilever fan
251	<p>One of the following: Tube and Fitting or Systems Scaffold to</p> <ul style="list-style-type: none"> - Pedestrian access lift - Roof saddle
252	<p>Own area of work (i.e. Scaffolding; Steeplejacking; Lightning protection engineering; Rigging – suspended access equipment; Safety net rigging; Fall arrest; Offshore scaffolding)</p> <p>Plus two or more of the following:</p> <ul style="list-style-type: none"> Scaffold/rigging Secured steelwork structures Wire and rope systems Permanently installed anchorage points Temporary anchorage points Track systems Proprietary systems

253	<p>One of the following:</p> <ul style="list-style-type: none"> - Tube and fitting - System scaffold
254	<p>Occupational specific: One from the following specific occupational areas:</p> <p>Steeplejack:</p> <ul style="list-style-type: none"> - steeplejack verticle ladders - roof ladders <p>Lightning Conductor engineer:</p> <ul style="list-style-type: none"> - roof ladders - fixed ladders - tower scaffolds <p>Rigging:</p> <ul style="list-style-type: none"> - suspended access equipment - suspended platforms
255	<p>Occupational Specific</p> <p>Suspended Access - three of the following:</p> <ul style="list-style-type: none"> - suspended platforms - winches - counterbalance suspension rigs - rope access anchor system - suspension rigs <p>Lightning protection engineering- two of the following:</p> <ul style="list-style-type: none"> - block and tackle material lifting gear (manual & mechanical) - rope access anchor systems - counterbalance suspension rigs - suspension rigs <p>Steeplejack - two of the following:</p> <ul style="list-style-type: none"> - block and tackle material lifting gear (manual & mechanical) - suspended platforms - rope access anchor systems - bosun's seats - winches - counterbalance suspension rigs - suspension rigs <p>Offshore - two of the following:</p> <ul style="list-style-type: none"> - block and tackle material lifting gear (manual & mechanical) - rope access anchor systems - winches
259	<p>Two of the following:</p> <ul style="list-style-type: none"> - travelling gantries - travelling ladders - suspended platforms - davitts - building maintenance units (BMU's) - monorail systems

260	<p>Prepare, operate and shut down, two the following:</p> <ul style="list-style-type: none"> -travelling gantries - travelling ladders - suspended platforms - davitts - building maintenance units (BMU's) - monorail systems
333	<p>One of the following:</p> <ul style="list-style-type: none"> - decorative finishing - industrial painting
360	<p>One of the following:</p> <ul style="list-style-type: none"> - Protection and safety notices - Safety lighting
657	<p>Four of the following:</p> <ul style="list-style-type: none"> - cooling systems - oil(s) and luricants - fuel(s) - running gear, drive mechanisms - electrics, instruments, lights and warning devices

[Note: Where industry requests an Awarding Organisation to further endorse a unit, the Awarding Organisation must first seek approval from CITB \(standards.qualifications@citb.co.uk\) to ensure the endorsement is appropriate to the unit.](#)