

Qualification Title: **Level 3 NVQ Diploma in Sub-structure Work Occupations (Construction)**

Pathway 1: Level 3 NVQ Diploma in Sub-structure Work Occupations (Underpinning Operations)

Pathway 2 Level 3 NVQ Diploma in Sub-structure Work Occupations (Ground Anchors)

Pathway 3 Level 3 NVQ Diploma in Sub-structure Work Occupations (Protection System Independent Verification)

Credit value (pathway 1): 118

Credit value (pathway 2): 54

Credit value (pathway 3) 57

Minimum credit to be achieved at, or above, the level of the qualification: 68

**CITB unit ref for internal use only*

Mandatory units (credit value: 31)

*CITB unit ref	Title	Credits	Level	RITS
209v2	Confirming work activities and resources for an occupational work area in the workplace	10	3	A/503/2772
210v2	Developing and maintaining good occupational working relationships in the workplace	8	5	M/503/2915
211v2	Confirming the occupational method of work in the workplace	11	3	R/503/2924
641	Conforming to general health, safety and welfare in the workplace	2	1	A/503/1170

Mandatory units for pathway 1 (Underpinning Operations) (credit value: 59)

*CITB unit ref	Title	Credits	Level	RITS
161v2	Erecting and striking underpinning formwork in the workplace	9	2	H/507/2795
167v2	Setting out and marking positions for underpinning sequence in the workplace	13	3	L/507/2726
169v2	Installing dry packing in the workplace	9	2	A/507/2799
173v3	Excavating and providing temporary support to pits and trenches in the workplace	17	2	R/507/2730
225v2	Placing and compacting concrete in the workplace	11	2	M/507/2735

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Optional units for pathway 1**(credit value: 28) TWO Units**

*CITB unit ref	Title	Credits	Level	RITS
164v2	Installing reinforcement steel for underpinning in the workplace	17	2	J/507/2725
171v2	Repairing sub-structure after underpinning in the workplace	15	2	Y/507/2728
172v2	Reinstating ground condition In the workplace	13	2	D/507/2729
763v1	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace	22	2	D/507/2908

**Mandatory unit for pathway 2
(Ground Anchors)****(credit value: 23)**

*CITB unit ref	Title	Credits	Level	RITS
517v2	Stressing and testing ground anchors in the workplace	23	2	A/507/3046

**Mandatory unit for pathway 3
(Protection System Independent Verification)****(credit value: 26)**

*CITB unit ref	Title	Credits	Level	RITS
764v1	Testing and verifying the protection system for buildings against hazardous ground gases in the workplace	26	4	Y/507/2826

Unit endorsements for Level 3 NVQ Diploma in Sub-structure Work Occupations (Construction)

*CITB unit ref	Endorsement
161	One of the following endorsements required: Structural underpinning Basement construction
171	Two of the following endorsements required: Brickwork Blockwork Concrete Timber Facings Linings Waterproofing systems
172	Three of the following endorsements required: Backfill (excavated materials) Backfill (new materials) Compact Hard top surfaces Cultivated and grassed areas
173	One of the following endorsements required: Timber Trench sheet Frames Support systems
225	Three of the following: Chute Elephant's trunk Skip Pump Mono-rail Manual
763	Four of the following: Protective screens, hoardings and covers Access and egress routes Supports Supporting structures Removal equipment Diverting equipment Site facilities Stabilisation
764	Three of the following endorsements required: Visual inspection Seam tests Flat area tests Ventilation and pressure monitoring

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