

Qualification Title: Level 2 NVQ Diploma in Specialist Concrete Occupations (Construction)

- Pathway 1:** Level 2 NVQ Diploma in Specialist Concrete Occupations (Concrete Repair)
- Pathway 2:** Level 2 NVQ Diploma in Specialist Concrete Occupations (Sprayed Concrete)
- Pathway 3:** Level 2 NVQ Diploma in Specialist Concrete Occupations (Decorative Concrete)
- Pathway 4:** Level 2 NVQ Diploma in Specialist Concrete Occupations (Concrete Drilling)
- Pathway 5:** Level 2 NVQ Diploma in Specialist Concrete Occupations (Concrete Sawing)
- Pathway 6:** Level 2 NVQ Diploma in Specialist Concrete Occupations (Concrete Drilling and Sawing)
- Pathway 7:** Level 2 NVQ Diploma in Specialist Concrete Occupations (In Situ Flooring – Screed)
- Pathway 8:** Level 2 NVQ Diploma in Specialist Concrete Occupations (In Situ Flooring – Resin)
- Pathway 9:** Level 2 NVQ Diploma in Specialist Concrete Occupations (In Situ Flooring – Concrete Layer)
- Pathway 10:** Level 2 NVQ Diploma in Specialist Concrete Occupations (In Situ Flooring – Concrete Finisher)
- Pathway 11:** Level 2 NVQ Diploma in Specialist Concrete Occupations (In Situ Flooring – Concrete Plant Operator)
- Pathway 12:** Level 2 NVQ Diploma in Specialist Concrete Occupations (Substrate Preparation and Profiling)
- Pathway 13:** Level 2 NVQ Diploma in Specialist Concrete Occupations (Concrete Floating Floor Installation)
- Pathway 14:** Level 2 NVQ Diploma in Specialist Concrete Occupations (Insulated Concrete Construction)

Value for TQT (pathway 1):	500
Value for TQT (pathway 2):	480
Value for TQT (pathway 3):	660
Value for TQT (pathway 4):	590
Value for TQT (pathway 5):	600
Value for TQT (pathway 6):	780
Value for TQT (pathway 7):	510
Value for TQT (pathway 8):	490
Value for TQT (pathway 9):	490
Value for TQT (pathway 10):	490
Value for TQT (pathway 11):	500
Value for TQT (pathway 12):	390
Value for TQT (pathway 13):	460
Value for TQT (pathway 14):	370

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**CITB unit ref for internal use only*

Mandatory units for all pathways

*CITB unit ref	Title	Level
360v3	Installing, maintaining and removing work area protection and safety equipment in the workplace	2
641	Conforming to general health, safety and welfare in the workplace	1
642	Conforming to productive working practices in the workplace	2
643	Moving, handling and storing resources in the workplace	2

Mandatory units for pathway 1 (Concrete Repair)

*CITB unit ref	Title	Level
57v2	Surveying degraded concrete structures in the workplace	2
58v2	Preparing substrate and applying materials to repair concrete in the workplace	2

Mandatory units for pathway 2 (Sprayed Concrete)

*CITB unit ref	Title	Level
123v2	Preparing substrate for sprayed concrete in the workplace	2
124v3	Applying sprayed concrete in the workplace	2

Mandatory units for pathway 3 (Decorative Concrete)

*CITB unit ref	Title	Level
145v2	Preparing backgrounds prior to laying decorative concrete in the workplace	2
146v2	Placing concrete and producing a decorative finish in the workplace	2
366v3	Installing street ironwork in the workplace (metal, plastic, concrete and composite materials)	2
401v2	Setting out secondary dimensional work control in the workplace	2

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**Mandatory units for pathway 4
(Concrete Drilling)**

*CITB unit ref	Title	Level
220v2	Reshaping using hand sawing techniques in the workplace	2
221v2	Forming drill holes or core in the structural fabric (diamond core bits) in the workplace	2

**Mandatory units for pathway 5
(Concrete Sawing)**

*CITB unit ref	Title	Level
220v2	Reshaping using hand sawing techniques in the workplace	2
222v2	Forming saw cuts in structural fabric material in the workplace	2

**Mandatory units for pathway 6
(Concrete Drilling and Sawing)**

*CITB unit ref	Title	Level
220v2	Reshaping using hand sawing techniques in the workplace	2
221v2	Forming drill holes or core in the structural fabric (diamond core bits) in the workplace	2
222v2	Forming saw cuts in structural fabric material in the workplace	2

**Mandatory units for pathway 7
(In Situ Flooring – Screed)**

*CITB unit ref	Title	Level
313v2	Preparing and inspecting substrates prior to laying screed floors in the Workplace	2
314v2	Laying screed floors in the workplace	2

**Mandatory units for pathway 8
(In Situ Flooring – Resin)**

*CITB unit ref	Title	Level
315v2	Laying resin floors in the workplace	2
751v1	Repairing, preparing and inspecting substrates prior to laying resin floors in the workplace	2

Continued...

**Mandatory units for pathway 9
(In Situ Flooring – Concrete Layer)**

*CITB unit ref	Title	Level
316v2	Preparing areas for concrete flooring in the workplace	2
317v2	Placement of in situ concrete flooring in the workplace	2

**Mandatory units for pathway 10
(In Situ Flooring – Concrete Finisher)**

*CITB unit ref	Title	Level
316v2	Preparing areas for concrete flooring in the workplace	2
318v2	Applying surface finishes to concrete flooring in the workplace	2

**Optional units for pathway 11
(In Situ Flooring – Concrete Plant
Operator) ONE unit**

*CITB unit ref	Title	Level
393Ev3	Preparing and operating ride-on topping spreaders to distribute materials in the workplace	2
393Fv3	Preparing and operating ride-on laser screeders to level concrete in the workplace	2

**Mandatory units for pathway 12
(Substrate Preparation and Profiling)**

*CITB unit ref	Title	Level
359v3	Operating plant or machinery to prepare, profile and finish substrates for specified materials in the workplace	2

**Mandatory units for pathway 13
(Concrete Floating Floor Installation)**

*CITB unit ref	Title	Level
316v2	Preparing areas for concrete flooring in the workplace	2
788v1	Jacking-up acoustic floating floors in the workplace	2

Continued

**Mandatory units for pathway 14
(Insulated Concrete Construction)**

*CITB unit ref	Title	Level
225v2	Placing and compacting concrete in the workplace	2
319v2	Erecting insulating concrete formwork structures in the workplace	2

Additional units (not compulsory)**Pathway 1**

*CITB unit ref	Title	Level
59v2	Applying coatings as structure protection in the workplace	2

Pathways 4-6

*CITB unit ref	Title	Level
223v2	Carrying out concrete bursting operations in the workplace	2
224v2	Carrying out concrete crushing and breaking operations in the workplace	2
226v2	Carrying out wire sawing in the workplace	2
250	Erecting and dismantling access/working platforms in the workplace	2
245	Applying sealants mechanically in the workplace	3

Pathways 7-11

*CITB unit ref	Title	Level
222v2	Forming saw cuts in structural fabric material in the workplace	2

Pathway 14

*CITB unit ref	Title	Level
250	Erecting and dismantling access/working platforms in the workplace	2
400v2	Preparing and operating powered units, tools or pedestrian plant, machinery or equipment in the workplace	2

Unit endorsements for Level 2 NVQ Diploma in Specialist Concrete Occupations (Construction)

*CITB unit ref	Endorsement
57	Two of the following endorsements required: Visual Mechanical means Chemical Electro chemical
58	Five of the following endorsements required: Prepare substrates and reinforcement Apply primers, bonding agents and repair compounds Replace steel reinforcement Erect and dismantle formwork Protect and cure Record and report
VR124	Five of the following endorsements required: Pre-wet surfaces for spraying Spray concrete to profile Produce samples for testing Cure and protect concrete Record and report on test Record and report on spraying Operate spraying nozzle Operate pump Clean pump Clear lines
146	One of the following endorsements required: Imprinted Exposed aggregate
220	The following endorsement required: Angle Grinder Plus one of the following endorsements required: Power saw Ring saw Chasing machine Chainsaw Plus form saw cuts in at least one from Concrete Masonry Stone Asphalt
221	Two of the following endorsements required: Hand held diamond core or drill Static drill rig diamond core Trailer rig diamond core Percussive drill
222	One of the following endorsements required: Push along floor saw Self-propelled floor saw Diamond-bladed track saw
224	One of the following endorsements required: Portable hand crusher Remote/radio control crusher and breaker Umbilical cord control crusher and breaker
225	Three of the following endorsements required: Chute Elephant's trunk Skip Pump Mono-rail Manual

*CITB unit ref	Endorsement
250	The following endorsement required (i.e. own area of work): Concrete drilling and sawing Plus two of the following endorsements required: Ladders/crawler boards Step ladders/platform steps Proprietary towers Trestle platforms Mobile scaffold towers Proprietary staging/podiums
313	Three of the following endorsements required: Cementitious substrates Insulated areas Membranes Areas with heating systems Ducted areas
314	One of the following endorsements required: Cementitious screeds Flowable screeds
315	One of the following endorsements required: Resin coatings: plus two endorsements from floor seals, floor coatings or high build floor coatings Resin self-smoothing: plus two endorsements from multi-layer flooring, flow applied flooring or heavy duty flowable flooring Resin screeds
316	Three of the following endorsements required: Substrate preparation Timber formwork erection Proprietary formwork erection Reinforcement installation Membranes installation
317	Three of the following endorsements required: Chute Elephants trunk Skip Pump Mono rail Manual
318	Three of the following endorsements required: Tamped Brushed Hand-float Pedestrian power float Ride-on power float
319	One of the following endorsements required: Basement structures below ground level Single storey structures above ground level Multi-storey structures above ground level
359	Four of the following endorsements required: Grinder Planing machine Sander Polisher Scabblers Tile stripper Captive/enclosed shotblast machine Vacuum machine Filtration systems
360	One of the following endorsements required (i.e. own area of work): Sprayed concrete Concrete repair Decorative concrete Concrete drilling and sawing In situ flooring Substrate preparation and profiling

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400	The following endorsement required (i.e. own area of work): Specialist Concrete Occupations – Insulated Concrete Construction) Plus one of the following endorsements required: Generators Pumps Pedestrian operated plant or machines Mixers Compressors Self-powered tools
401	The following endorsement required (i.e. own area of work): Decorative concrete
788	One of the following endorsements required: Rubber systems Spring systems

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.