

Qualification Title: Level 2 NVQ Diploma in Construction Operations and Civil Engineering Services – Construction Operations (Construction)

- Pathway 1:** Level 2 NVQ Diploma in Construction Operations (Modular Pavement Construction)
- Pathway 2:** Level 2 NVQ Diploma in Construction Operations (Laying Kerbs and Channels)
- Pathway 3:** Level 2 NVQ Diploma in Construction Operations (General Building Operations)
- Pathway 4:** Level 2 NVQ Diploma in Construction Operations (Drainage Construction)
- Pathway 5:** Level 2 NVQ Diploma in Construction Operations (Structural Concreting)
- Pathway 6:** Level 2 NVQ Diploma in Construction Operations (Non-structural Concreting)
- Pathway 7:** Level 2 NVQ Diploma in Construction Operations (General Construction)
- Pathway 8:** Level 2 NVQ Diploma in Construction Operations (Excavation and Reinstatement)

- Credit value (pathway 1): 41
- Credit value (pathway 2): 41
- Credit value (pathway 3): 50
- Credit value (pathway 4): 46
- Credit value (pathway 5): 55
- Credit value (pathway 6): 59
- Credit value (pathway 7): 44
- Credit value (pathway 8): 54

Minimum credit to be achieved at, or above, the level of the qualification: 31

**CITB unit ref for internal use only*

Mandatory units for all pathways (credit value: 5)

*CITB unit ref	Title	Credits	Level	RITS
641	Conforming to general health, safety and welfare in the workplace	2	1	A/503/1170
642	Conforming to productive working practices in the workplace	3	2	J/503/1169

Optional units for all pathways (credit value: 10) ONE Unit

*CITB unit ref	Title	Credits	Level	RITS
360v2	Establishing work area protection and safety in the workplace	10	2	T/503/9560
365v2	Segregating the area for highways works in the workplace	12	2	K/503/9622

Mandatory units for pathway 1 (credit value: 21)
(Modular Pavement Construction)

*CITB unit ref	Title	Credits	Level	RITS
367v2	Laying modular pavement in the workplace	14	2	J/503/9627
401v2	Setting out secondary dimensional work control in the workplace	7	2	J/506/4673

See also optional units pages 4/5

Mandatory units for pathway 2 (credit value: 21)
(Laying Kerbs and Channels)

CITB unit ref	Title	Credits	Level	RITS
368v2	Laying kerbs and channels in the workplace	14	2	D/503/9634
401v2	Setting out secondary dimensional work control in the workplace	7	2	J/506/4673

See also optional units pages 4/5

Mandatory units for pathway 3 (credit value: 35)
(General Building Operations)

CITB unit ref	Title	Credits	Level	RITS
367v2	Laying modular pavement in the workplace	14	2	J/503/9627
368v2	Laying kerbs and channels in the workplace	14	2	D/503/9634
401v2	Setting out secondary dimensional work control in the workplace	7	2	J/506/4673

Mandatory units for pathway 4 (credit value: 26)
(Drainage Construction)

CITB unit ref	Title	Credits	Level	RITS
401v2	Setting out secondary dimensional work control in the workplace	7	2	J/506/4673
639v2	Installing drainage in the workplace	19	2	Y/504/6775

See also optional units pages 4/5

**Mandatory units for pathway 5 (credit value: 35)
(Structural Concreting)**

CITB unit ref	Title	Credits	Level	RITS
371v2	Pouring concrete to form structures in the workplace	18	2	M/503/9637
640	Erecting and striking proprietary formwork in the workplace	17	2	R/503/9663

See also optional units pages 4/5

**Mandatory units for pathway 6 (credit value: 39)
(Non-structural Concreting)**

CITB unit ref	Title	Credits	Level	RITS
45v3	Placing and finishing non-specialist concrete in the workplace	21	2	R/504/6774
371v2	Pouring concrete to form structures in the workplace	18	2	M/503/9637

See also optional units pages 4/5

**Mandatory units for pathway 7 (credit value: 5)
(General Construction)**

CITB unit ref	Title	Credits	Level	RITS
643	Moving, handling and storing resources in the workplace	5	2	F/503/1171

Optional units for pathway 7 (credit value: 19) ONE Unit

CITB unit ref	Title	Credits	Level	RITS
45v3	Placing and finishing non-specialist concrete in the workplace	21	2	R/504/6774
639v2	Installing drainage in the workplace	19	2	Y/504/6775

See also optional units pages 4/5

**Mandatory units for pathway 8 (credit value: 22)
(Excavation and Reinstatement)**

CITB unit ref	Title	Credits	Level	RITS
372v2	Locating and protecting utilities apparatus and sub-structures in the workplace	12	2	A/503/9639
373v2	Excavating holes and trenches - manual digging in the workplace	10	2	Y/503/9650

Optional units for pathway 8 (credit value: 12) One unit

CITB unit ref	Title	Credits	Level	RITS
172	Reinstating ground condition in the workplace	12	2	A/600/8157
374v2	Reinstating excavation and highway surfaces in the workplace	12	2	H/503/9442

See also optional units pages 4/5

**Optional units for pathways: (credit value: 5) ONE Unit
1, 2, 4, 5, 6, 7 and 8 (NOT 3)**

CITB unit ref	Title	Credits	Level	RITS
36v2	Preparing and mixing concrete and mortars in the workplace	8	1	K/503/9457
172	Reinstating ground condition in the workplace	12	2	A/600/8157
225	Placing and compacting concrete in the workplace	13	2	Y/600/8165
250	Erecting and dismantling access/working platforms in the workplace	8	2	D/600/8281
366v2	Installing street ironwork in the workplace	9	2	M/503/9623
370v2	Providing temporary excavation support in the workplace	15	2	K/503/9636
374v2	Reinstating excavation and highway surfaces in the workplace	12	2	H/503/9442
391Bv3	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace	16	2	J/506/4642
394Av3	Preparing and operating ride-on rollers to compact materials in the workplace	16	2	R/506/4661
396A	Preparing to and directing and guiding plant in the workplace WITHDRAWN	7	2	K/600/8087

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Optional units for pathways: 1, 2, 4, 5, 6, 7 and 8 continued

CITB unit ref	Title	Credits	Level	RITS
396Cv1	Preparing to and directing and guiding the movement of vehicles, plant or machinery in the workplace	12	2	A/506/4668
397A	Preparing for, and Arranging and Securing Plant for Haulage in the Workplace WITHDRAWN	16	2	M/600/8094
397Cv1	Preparing for, and arranging and securing plant or machinery for transportation in the workplace	16	2	F/506/4669
400v2	Preparing and operating powered units, tools or pedestrian plant, machinery or equipment in the workplace	7	2	F/506/4672
402	Slinging and signalling the movement of loads (secondary role) in the workplace WITHDRAWN	8	2	R/600/8402
402Av1	Slinging and hand signalling the movement of suspended loads in the workplace	10	2	R/506/3929
643	Moving, handling and storing resources in the workplace	5	2	F/503/1171

**Additional units for all pathways (credit value: n/a)
(Not Compulsory)**

CITB unit ref	Title	Credits	Level	RITS
172	Reinstating ground condition in the workplace	12	2	A/600/8157
250	Erecting and dismantling access/working platforms in the workplace	8	2	D/600/8281
366v2	Installing street ironwork in the workplace	9	2	M/503/9623
370v2	Providing temporary excavation support in the workplace	15	2	K/503/9636
374v2	Reinstating excavation and highway surfaces in the workplace	12	2	H/503/9442
391Bv3	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace	16	2	J/506/4642
394Av3	Preparing and operating ride-on rollers to compact materials in the workplace	16	2	R/506/4661

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**Additional units for all pathways continued
(Not Compulsory)**

CITB unit ref	Title	Credits	Level	RITS
396A	Preparing to and directing and guiding plant in the workplace WITHDRAWN	7	2	K/600/8087
396Cv1	Preparing to and directing and guiding the movement of vehicles, plant or machinery in the workplace	12	2	A/506/4668
397A	Preparing for, and Arranging and Securing Plant for Haulage in the Workplace WITHDRAWN	16	2	M/600/8094
397Cv1	Preparing for, and arranging and securing plant or machinery for transportation in the workplace	16	2	F/506/4669
400v2	Preparing and operating powered units, tools or pedestrian plant, machinery or equipment in the workplace	7	2	F/506/4672
402	Slinging and signalling the movement of loads (secondary role) in the workplace WITHDRAWN	8	2	R/600/8102
402Av1	Slinging and hand signalling the movement of suspended loads in the workplace	10	2	R/506/3929
643	Moving, handling and storing resources in the workplace	5	2	F/503/1171

Unit endorsements for Level 2 NVQ Diploma in Construction Operations and Civil Engineering Services – Construction Operations (Construction)

CITB unit ref	Endorsement
45	Three of the following endorsements required: Concrete slabs/bases Form slab edging Position reinforcement Form surface finish
172	The following endorsement required (i.e. own area of work): Construction operations
225	The following endorsement required: Excavated underpinning
250	The following endorsement required (i.e. own area of work): Construction operations Plus two of the following endorsements required: Ladders/crawler boards Step ladders/platform steps Proprietary towers Trestle platforms Mobile scaffold towers Proprietary staging/podiums
360	The following endorsement required (i.e. own area of work): Construction operations Plus one of the following endorsements required: Modular pavement Laying kerbs and channels Drainage construction Structural concrete Non-structural concrete General construction Excavation and reinstatement General building operations
365	The following endorsement required (i.e. own area of work): Construction operations
366	The following endorsement required (i.e. own area of work): Construction operations Plus one of the following endorsements required: New Reinstatement
367	The following endorsement required (i.e. own area of work): Construction operations Plus one of the following endorsements required: Block paving Brick paving Stone/Concrete setts Flags Natural stone rough cut Natural stone uniformly cut
368	The following endorsement required (i.e. own area of work): Construction operations Plus one of the following endorsements required: Kerbs Channels

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CITB unit ref	Endorsement
370	The following endorsement required (i.e. own area of work): Construction operations Plus two of the following endorsements required: Skeleton Open and close boarding Drag box Trench box Cofferdam Diaphragm wall Secant support
371	The following endorsement required (i.e. own area of work): Construction operations Plus two of the following endorsements required: Chute Elephant's trunk Skip Pump Mono-rail
372	The following endorsement required (i.e. own area of work): Construction operations
373	The following endorsement required (i.e. own area of work): Construction operations
374	The following endorsement required (i.e. own area of work): Construction operations Plus two of the following endorsements required: Sub-grades, sub-bases, road-bases Cold lay bituminous Warm lay bituminous Hot lay bituminous Concrete Modular
391	One of the following endorsements required: Forward tipping dumper wheeled Forward tipping dumper tracked
394	The following endorsements required: Ride-on roller
396C	One of the following endorsements required: Movement guide marshaller Loader/securer
397C	Two of the following endorsements required: Drive and operate Direct and guide movement Direct and guide operations Slinger/signaller Raised loads Plus one or more of the following endorsements required: Loader/securer Slinger Signaller non STGO, non LGV Loader/securer Slinger Signaller non STGO, LGV Loader/securer Slinger Signaller STGO Loader/securer movement guide marshaller non STGO, non LGV Loader/securer movement guide marshaller non STGO, LGV Loader/securer movement guide marshaller STGO Loader/securer plant driver non STGO, non LGV Loader/securer plant driver non STGO, LGV Loader/securer plant driver STGO

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CITB unit ref	Endorsement
401	One of the following endorsements required: Lines Levels Depths Areas Heights Angles
402A	The following endorsement required (i.e. own area of work): Slinger signaller – construction operations only
639	The following endorsement required (i.e. own area of work): Construction operations Plus two of the following endorsements required: Pipework Inspection chambers Surface water systems Foul water 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.