

Qualification Title: Level 2 NVQ Certificate in Roadbuilding and Maintenance (Construction)

- Pathway 1:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Manual Road Building – Flexible Pavement Construction (Manual)
- Pathway 2:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Modular Pavement Construction
- Pathway 3:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Laying Kerbs and Channels
- Pathway 4:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Excavation and Reinstatement
- Pathway 5:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Excavation
- Pathway 6:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Reinstatement
- Pathway 7:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Locate and Excavate Utilities
- Pathway 8:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Street Ironwork
- Pathway 9:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Road Maintenance – Maintenance Response Team Operations
- Pathway 10:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Road Maintenance – Vehicle Fencing
- Pathway 11:** Level 2 NVQ Certificate in Roadbuilding and Maintenance – Plant – Road Sweeping

TQT value (pathway 1): 220

TQT value (pathway 2): 250

TQT value (pathway 3): 220

TQT value (pathway 4): 280

TQT value (pathway 5): 200

TQT value (pathway 6): 220

TQT value (pathway 7): 310

TQT value (pathway 8): 190

TQT value (pathway 9): 200

TQT value (pathway 10): 220

TQT value (pathway 11): 180

Mandatory units for all pathways

Unit ref	Title	Level
641	Conforming to general health, safety and welfare in the workplace	1
642	Conforming to productive working practices in the workplace	2

**Mandatory units for pathway 1
(Roadbuilding and Maintenance – Manual Roadbuilding – Flexible Pavement Construction (Manual))**

Unit ref	Title	Level
375v3	Laying flexible pavement materials in the workplace	2
401v2	Setting out secondary dimensional work control in the workplace	2

Plus one from the Manual Roadbuilding list

Mandatory units for pathway 2 (Roadbuilding and Maintenance – Modular Pavement Construction)

Unit ref	Title	Level
367v3	Laying modular pavement in the workplace	2
400v2	Preparing and operating powered units, tools or pedestrian plant, machinery or equipment in the workplace	2
401v2	Setting out secondary dimensional work control in the workplace	2

**Mandatory units for pathway 3
(Roadbuilding and Maintenance – Laying Kerbs and Channels)**

Unit ref	Title	Level
368v3	Laying preformed kerbs and channels in the workplace	2
401v2	Setting out secondary dimensional work control in the workplace	2

Plus one from the Manual Roadbuilding list

**Mandatory units for pathway 4
(Roadbuilding and Maintenance – Excavation and Reinstatement)**

Unit ref	Title	Level
373v3	Forming and finishing excavations manually in the workplace	2
374v3	Reinstating trenches in paved surfaces in the workplace	2

Plus one from the Manual Roadbuilding list

**Mandatory units for pathway 5
(Roadbuilding and Maintenance – Excavation)**

Unit ref	Title	Level
373v3	Forming and finishing excavations manually in the workplace	2

Plus one from the Manual Roadbuilding list

**Mandatory units for pathway 6
(Roadbuilding and Maintenance – Reinstatement)**

Unit ref	Title	Level
374v3	Reinstating trenches in paved surfaces in the workplace	2

Plus one from the Manual Roadbuilding list

**Mandatory units for pathway 7
(Roadbuilding and Maintenance – Locate and Excavate Utilities)**

Unit ref	Title	Level
372v3	Identifying and marking the location of utilities apparatus and sub-structures in the workplace	2
782v1	Locating and excavating to expose buried utility services in the workplace	2

Plus one from the Manual Roadbuilding list

**Mandatory units for pathway 8
(Roadbuilding and Maintenance – Street Ironwork)**

Unit ref	Title	Level
366v3	Installing street ironwork in the workplace (metal, plastic, concrete and composite materials)	2

Plus one from the Manual Roadbuilding list

Optional units for pathways 1, 3, 4, 5, 6, 7 and 8 Manual Roadbuilding list - ONE Unit

Unit ref	Title	Level
45v3	Placing and finishing non-specialist concrete in the workplace	2
360v3	Installing, maintaining and removing work area protection and safety equipment in the workplace	2
361v3	Cutting, drilling and shaping construction related materials in the workplace	1
363v3	Preparing and mixing construction related materials in the workplace	1
365v3	Segregating the area for the highways works in the workplace	2
366v3	Installing street ironwork in the workplace (metal, plastic, concrete and composite materials)	2
370v3	Installing, maintaining and removing temporary excavation support in the workplace	2
372v3	Identifying and marking the location of utilities apparatus and sub-structures in the workplace	2
374v3	Reinstating trenches in paved surfaces in the workplace	2
391Bv3	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace	2

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394Av3	Preparing and operating ride-on rollers to compact materials in the workplace	2
396Cv1	Preparing to and directing and guiding the movement of vehicles, plant or machinery in the workplace	2
400v2	Preparing and operating powered units, tools or pedestrian plant, machinery or equipment in the workplace	2
401v2	Setting out secondary dimensional work control in the workplace	2
402Av1	Slinging and hand signalling the movement of suspended loads in the workplace	2
639v3	Installing drainage in the workplace	2
643	Moving, handling and storing resources in workplace	2
760v1	Controlling, directing and guiding the operation of plant or machinery in the workplace	2
782v1	Locating and excavating to expose buried utility services in the workplace	2

**Mandatory units for pathway 9
(Roadbuilding and Maintenance – Road Maintenance – Maintenance Response Team Operations)**

Unit ref	Title	Level
536v4	Preparing maintenance response teams' vehicles	2
537v4	Responding to and assisting with road-related incidents in operational circumstances	2
538v5	Installing and removing emergency temporary traffic management on motorways, high speed dual carriageways or rural and urban roads	2

**Mandatory units for pathway 10
(Roadbuilding and Maintenance – Road Maintenance – Vehicle Fencing)**

Unit ref	Title	Level
*Fe8	Excavate, prepare and form foundations for vehicle restraint systems	2
*Fe9	Place and fix vehicle restraint systems	2

**Mandatory units for pathway 11
(Roadbuilding and Maintenance – Plant – Road Sweeping))**

Unit ref	Title	Level
761v2	Preparing and operating plant or machinery to sweep, clean or clear in the workplace	2

Unit endorsements for Level 2 NVQ Certificate in Roadbuilding and Maintenance (Construction)

Unit ref	Endorsement
45	Three of the following endorsements required: Concrete slabs/bases Form slab edging Position reinforcement Form surface finish
360	The following endorsement required (i.e. own area of work) Roadbuilding and Maintenance Plus one of the following endorsements required: Protection and safety notices Safety Lighting
361	Four of the following endorsements required: Composites Plastic Masonry Vitreous clay Metal Timber and timber based material Cementitious materials Bituminous material Geotextiles
363	Two of the following endorsements required Cementitious materials Plasters Resins Adhesives Bonding agents Colourings Waterproof coatings Grouts Pre-mixed compounds
365	The following endorsement required (i.e. own area of work): Manual roadbuilding
366	One of following endorsements required New Reinstatement
367	The following endorsement required (i.e. own area of work): Manual roadbuilding Plus two of the following endorsements required: Block paving Brick paving Stone and/or concrete setts Flags Natural stone uniformly cut Natural stone rough cut
370	The following endorsement required (i.e. own area of work): Manual roadbuilding Plus one of the following endorsements required: Proprietary system Open and closed support system Piling systems Bespoke support system
372	The following endorsement required (i.e. own area of work): Manual roadbuilding
373	The following endorsement required (i.e. own area of work): Manual roadbuilding
374	The following endorsement required (i.e. own area of work): Manual roadbuilding Plus one of the following endorsements required: Bituminous materials Sealants and emulsions

	Concrete Modular structures
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Unit ref	Endorsement
377	The following endorsement required (i.e. own area of work): Manual roadbuilding Plus one of the following endorsements required: Permanent markings Temporary markings
378	The following endorsement required (i.e. own area of work): Manual roadbuilding Plus two of the following endorsements required: Inset milled stud Inset drilled stud Fixed surface mounted studs Stud maintenance
391B	One of the following endorsements required: Forward tipping dumper wheeled Forward tipping dumper tracked
394A	The following endorsement required: Ride-on roller
396C	One of the following endorsements required: Movement guide marshaller Loader/securer
400	One of the following endorsements required: Generators Pumps Pedestrian operated plant or machines Mixers Compressors Self-powered tools
401	Three of the following endorsements required: Line Level Depth Area Height Angle
402	The following endorsement required: Slinger Signaller 'Occupation specific' only (own area of work: i.e. Manual roadbuilding)
538	One of the following endorsements required: High speed roads Rural and urban roads
639	The following endorsement required (i.e. own area of work): Manual roadbuilding Plus one of the following endorsements required: Inspection chambers Surface water systems Foul water systems
760	The following endorsement required: Operations guide banksman – Manual roadbuilding

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Unit ref	Endorsement
761	One of the following endorsements required: Road sweeper Pavement sweeper Self-propelled sweeper Pedestrian controlled sweeper Gully cleaner Gully sucker Pedestrian controlled cleaner Plus two of the following: Tipping of lifted materials Scrub clean Hose clean, wet sweep Pressure wash clean Empty or clear by suction Blow clear

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.