

**Qualification Title: Level 3 NVQ Diploma in Testing, Inspecting and thorough Examination Occupations (Construction)**

- Pathway 1:** Level 3 NVQ Diploma in Testing, Inspecting and thorough Examination Occupations (Testing, Inspecting and thorough Examination of Plant, Machinery, Equipment or Accessories)
- Pathway 2:** Level 3 NVQ Diploma in Testing, Inspecting and thorough Examination Occupations (Leak Detection in Waterproof Systems)
- Pathway 3:** Level 3 NVQ Diploma in Testing, Inspecting and thorough Examination Occupations (Dynamic Pile Testing)
- Pathway 4:** Level 3 NVQ Diploma in Testing, Inspecting and thorough Examination Occupations (Installing Construction Anchors and Site Testing of Construction Fixings)

<b>TQT value (pathway 1):</b>	<b>790</b>
<b>TQT value (pathway 2):</b>	<b>750</b>
<b>TQT value (pathway 3):</b>	<b>580</b>
<b>TQT value (pathway 4):</b>	<b>570</b>

*\*CITB unit ref for internal use only*

**Mandatory units for all pathways**

<b>*CITB unit ref</b>	<b>Title</b>	<b>Level</b>
209v2	Confirming work activities and resources for an occupational work area in the workplace	3
210v2	Developing and maintaining good occupational working relationships in the workplace	5
211v2	Confirming the occupational method of work in the workplace	3

**Mandatory units for pathway 1**

**Testing, Inspecting and thorough Examination of Plant, Machinery, Equipment or Accessories**

<b>*CITB unit ref</b>	<b>Title</b>	<b>Level</b>
663v2	Inspecting plant or machinery for operational serviceability in the workplace	2
668v3	Carrying out specific tests on plant or machinery to determine operational serviceability in the workplace	3

**Mandatory units for pathway 2  
(Leak Detection in Waterproof Systems)**

<b>*CITB unit ref</b>	<b>Title</b>	<b>Level</b>
800v1	Detecting breaches in waterproofing systems using non-destructive leak detection in the workplace	3

**Mandatory units for pathway 3  
(Dynamic Pile Testing)**

<b>*CITB unit ref</b>	<b>Title</b>	<b>Level</b>
801v1	Dynamic load and integrity testing of piles in the workplace	3

**Mandatory units for pathway 4  
(Installing Construction Anchors and Site Testing of Construction Fixings)**

<b>*CITB unit ref</b>	<b>Title</b>	<b>Level</b>
802v1	Installing construction anchors in the workplace	3
803v1	Site testing of construction fixings in the workplace	3

## Unit endorsements for Level 3 NVQ Diploma in Testing, Inspecting and thorough Examination Occupations (Construction)

*CITB unit ref	Endorsement
668	<p>Four of the following endorsements required:</p> <ul style="list-style-type: none"> <li>Electric systems</li> <li>Cooling systems</li> <li>Lubrication systems</li> <li>Emission control</li> <li>Hydraulic systems</li> <li>Hydrostatic drive</li> <li>Transmission systems</li> <li>Pneumatic systems</li> <li>Braking systems</li> <li>Vibration management</li> <li>Steering/suspension systems</li> <li>Generator output control</li> <li>Electronic management</li> <li>Powered access equipment</li> <li>Material handling equipment</li> <li>Water pumps</li> <li>Craneage</li> <li>Lifting equipment</li> <li>Load testing (cranes, hoists, MEWPs, MHE)</li> </ul>
800	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> <li>Electrical earth leakage – wet method</li> <li>Electrical earth leakage – dry method</li> <li>Electrical capacitance (moisture profiling)</li> </ul>
803	<p>At least two of the following:</p> <ul style="list-style-type: none"> <li>Mechanical anchor</li> <li>Bonded anchor</li> <li>Cast-in channels</li> <li>Cast-in anchors</li> </ul>

**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](mailto:standards.qualifications@citb.co.uk)) to ensure the endorsement is appropriate to the unit.