

Purpose of qualification

The EAL Level 1 Certificate in Practical Construction Operations is a Vocational Related Qualification (VRQ). The content and structure of the qualification has been developed to provide learners with an introduction to a trade or a variety of trades within the construction industry. It allows the learner to acquire the essential knowledge of health and safety in a construction environment and fundamental knowledge and skills of a trade or trades within the construction sector. It takes a hands-on approach to basic construction operations by providing learners with:

- Knowledge and skills of potential careers and apprenticeships in the construction sector
- Information that will help them make more informed decisions about their post-16 options
- Personal skills to help them work effectively and achieve their potential.

What does this qualification cover?

This qualification has one core mandatory unit, which provides learners with knowledge of the Health and Safety in a Construction Environment, and 11 pathways within the optional units from which a learner will select one from the following: Plumbing Operations, Electrical Operations, Plastering Operations, Brickwork Operations, Building Operations, Carpentry and Joinery Operations, Painting and Decorating Operations, Tiling Operations, Flooring Operations, Maintenance Operations and Construction Operations.

Who is this qualification for?

- Learners who have no previous experience or knowledge of the construction trades but are seeking employment within the construction sector
- Learners who wish to undertake a Level 1 qualification in preparation for further study at Level 2
- Learners who wish to acquire fundamental knowledge and skills in construction operations
- Learners who are currently working in the construction industry but want to expand on their existing practical construction skills (multi-skilled operations).

It is suitable for learners aged:

- 14-16
- 16-18
- 19+

Who supports this qualification?

This qualification is:

- Regulated at Level 1
- Endorsed by a number of post-16 providers as facilitating progression to a range of Construction Apprenticeships or a range of post-16 learning programmes at level 2 and 3
- Supported by Construction Skills (mandatory unit: Health and Safety in a Construction Environment).

What could this qualification lead to?

Typical job roles include:

Builders, bricklayers, electricians, carpenters, painters, decorators, plasterers, plumbers, tilers, labourers.

This qualification relates to:

- Further Level 2 Construction VRQs
- Construction qualifications in appropriate Apprenticeship Frameworks.

Entry requirements

Learners must be at least 14 years old. There are no formal entry requirements for this qualification. However, learners must have the potential to achieve all aspects of the qualification. In particular, learners should be able to demonstrate that they have the minimum levels of literacy and numeracy required to comply with the health and safety aspects of the qualification, the completion of the learning outcomes and the assessments.

How is the qualification achieved?

The **EAL Level 1 Certificate in Practical Construction Operations** will be awarded when the learner has successfully completed:

- One core mandatory unit, comprising of a paper-based or electronic knowledge assessment
- Optional unit/s (minimum of 160 GLH), comprising Centre marked practical/theory assessments .

What will be assessed?

This qualification is made up of units to which appropriate assessment methods have been applied. The units contain the learning outcomes and the assessment criteria that the learner is to be assessed against.

All learning outcomes within the qualification will be assessed. In order to meet this requirement, it is advised that centres should maintain an assessment and feedback record for each learner. This will detail the evidence evaluated against the learning outcome and the feedback given to the learner. All learner evidence must be available to the EAL External Quality Assurer.

Grading Criteria

This qualification is not graded.

However, Learners must achieve a Pass in each assessment for the qualification to be awarded. If learners are unsuccessful in achieving all assessments then the overall result for the qualification will be 'referred' and a certificate will not be awarded.

Providing learners are successful in the assessment, the learner will be awarded a Pass for their qualification.

How will it be assessed?

Assessment methods within this qualification include a Centre marked paper-based or electronic knowledge assessment for the mandatory unit and a Centre marked paper-based or electronic practical and knowledge assessments for the optional units. Assessment methods have been designed to assess the knowledge, understanding and skills of learners for all units.

All assessments are set by EAL and marked by members of the delivery team at the Centre.

Where the assessment takes the form of written/short answer or multiple choice question papers, appropriate control measures must be in place.

All assessment decisions are then subject to internal and external quality assurance.

Structure

This qualification will be achieved when the learner has successfully completed the **one mandatory unit** followed by the required number of **optional units** from their chosen pathway.

This qualification has a minimum of 181 Guided Learning Hours and 189 hours Total Qualification Time.

NOTE: PCO1/010 and PCO1/050 are **level 2** units.

Mandatory unit: *this unit must be completed for all pathways:*

Unit	Unit title	Credit	GLH	Ofqual code
HSCE1/001	Health and safety in a construction environment	3	21	Y/616/2441

Plumbing Operations

Pathway CPCO1A: *A minimum of 160 GLH from the optional units must be achieved.*

Optional units:

Unit	Unit title	Credit	GLH	Ofqual code
PCO1/002	Demonstrate fundamental low carbon steel pipework practical applications	4	40	R/508/1170
PCO1/003	Demonstrate fundamental copper tube practical applications	4	40	Y/508/1171
PCO1/004	Demonstrate fundamental plastic pipework practical applications	4	40	H/508/1173
PCO1/005	Demonstrate fundamental drilling and fixing methods within construction	2	20	M/508/1175
PCO1/006	Demonstrate fundamental maintenance skills on plumbing components	2	20	T/508/1176
PCO1/027	Demonstrate fundamental building skills – Installing an underground drainage system	4	40	K/508/1322
PCO1/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PCO1/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PCO1/050	Asbestos awareness	1	10	D/508/1379
PCO1/052	Demonstrate fundamental building skills – Installing above ground drainage systems	4	40	J/508/1389

Electrical Operations

Pathway CPCO1B: *A minimum of 160 GLH from the optional unit/s must be achieved.*

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PCO1/005	Demonstrate fundamental drilling and fixing methods within construction	2	20	M/508/1175
PCO1/007	Demonstrate fundamental electrical installation lighting circuit craft skills	4	40	R/508/1198
PCO1/008	Demonstrate fundamental electrical installation socket circuit craft skills	4	40	Y/508/1199
PCO1/009	Demonstrate fundamental electrical installation of PVC containment	4	40	J/508/1201
PCO1/010	Demonstrate fundamental electrical maintenance skills on replacing electrical components	3	30	A/508/1213
PCO1/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PCO1/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PCO1/050	Asbestos awareness	1	10	D/508/1379

Plastering Operations

Pathway CPCO1C: *A minimum of 160 GLH from the optional unit/s must be achieved.*

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PCO1/011	Demonstrate fundamental dry lining and skimming of a surface with joints	4	40	J/508/1215
PCO1/012	Demonstrate fundamental rendering skills to external surfaces	4	40	Y/508/1218
PCO1/013	Demonstrate fundamental plastering skills to internal surfaces	4	40	R/508/1220
PCO1/014	Demonstrate fundamental floor screeding skills	4	40	H/508/1223
PCO1/015	Demonstrate fundamental plastering skills - piers and reveals	4	40	T/508/1226
PCO1/016	Demonstrate fundamental coving skills	4	40	J/508/1229
PCO1/017	Demonstrate fundamental mixing of materials used in construction techniques	2	20	R/508/1234
PCO1/018	Demonstrate fundamental plaster moulding and fixing skills	4	40	K/508/1241
PCO1/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PCO1/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PCO1/050	Asbestos awareness	1	10	D/508/1379

Brickwork Operations

Pathway CPC01D: A minimum of 160 GLH from the optional unit/s must be achieved.

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PC01/017	Demonstrate fundamental mixing of materials used in construction techniques	2	20	R/508/1234
PC01/019	Demonstrate fundamental building skills – Laying block paving	4	40	M/508/1242
PC01/020	Demonstrate fundamental building skills – Constructing one brick walling	4	40	L/508/1281
PC01/021	Demonstrate fundamental building skills – Constructing a block wall	4	40	H/508/1285
PC01/022	Demonstrate fundamental building skills – Constructing a half brick return corner	4	40	A/508/1289
PC01/023	Demonstrate fundamental building skills – Constructing a cavity wall	4	40	F/508/1293
PC01/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PC01/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PC01/050	Asbestos awareness	1	10	D/508/1379

Building Operations

Pathway CPC01E: A minimum of 160 GLH from the optional unit/s must be achieved.

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PC01/017	Demonstrate fundamental mixing of materials used in construction techniques	2	20	R/508/1234
PC01/019	Demonstrate fundamental building skills – Laying block paving	4	40	M/508/1242
PC01/020	Demonstrate fundamental building skills – Constructing one brick walling	4	40	L/508/1281
PC01/021	Demonstrate fundamental building skills – Constructing a block wall	4	40	H/508/1285
PC01/022	Demonstrate fundamental building skills – Constructing a half brick return corner	4	40	A/508/1289
PC01/023	Demonstrate fundamental building skills – Constructing a cavity wall	4	40	F/508/1293
PC01/024	Demonstrate fundamental building skills – Laying slabs	3	30	R/508/1296
PC01/025	Demonstrate fundamental building skills – Constructing a fence	3	30	T/508/1307
PC01/026	Demonstrate fundamental building skills – Construction a path	3	30	F/508/1309
PC01/027	Demonstrate fundamental building skills – Installing an underground drainage system	4	40	K/508/1322
PC01/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PC01/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PC01/050	Asbestos awareness	1	10	D/508/1379

Carpentry and Joinery Operations

Pathway CPC01F: A minimum of 160 GLH from the optional unit/s must be achieved.

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PC01/005	Demonstrate fundamental drilling and fixing methods within construction	2	20	M/508/1175
PC01/028	Demonstrate fundamental carpentry and joinery skills – Fitting kitchen cabinets and worktops	4	40	M/508/1323
PC01/029	Demonstrate fundamental carpentry and joinery skills – Constructing a product using a combination of woodworking joints	4	40	T/508/1324
PC01/030	Demonstrate fundamental carpentry and joinery skills – Fitting architrave, skirting and dado rail	4	40	F/508/1326
PC01/031	Demonstrate fundamental carpentry and joinery skills – Fitting an internal door including the ironmongery	3	30	J/508/1327
PC01/032	Demonstrate fundamental carpentry and joinery skills – Constructing a dry wall system	4	40	L/508/1328
PC01/033	Demonstrate fundamental carpentry and joinery skills – Fitting floor boards/sheets	4	40	R/508/1329
PC01/034	Demonstrate fundamental carpentry and joinery skills – Assembly and fitting of a door lining	2	20	J/508/1330
PC01/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PC01/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PC01/050	Asbestos awareness	1	10	D/508/1379

Painting and Decorating Operations

Pathway CPC01G: A minimum of 160 GLH from the optional unit/s must be achieved.

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PC01/035	Demonstrate fundamental painting and decorating skills – Applying wallpaper	4	40	R/508/1332
PC01/036	Demonstrate fundamental painting and decorating skills – Brush and roller work	4	40	D/508/1334
PC01/037	Demonstrate fundamental painting skills – Painting an interior door and woodwork	4	40	H/508/1335
PC01/046	Demonstrate fundamental maintenance skills on repairing surfaces	2	20	J/508/1375
PC01/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PC01/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PC01/050	Asbestos awareness	1	10	D/508/1379

Tiling Operations

Pathway CPC01H: A minimum of 160 GLH from the optional unit/s must be achieved.

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PC01/038	Demonstrate fundamental flooring skills – Applying levelling compounds	4	40	K/508/1336
PC01/039	Demonstrate fundamental tiling skills – Tiling plain walls	4	40	M/508/1337
PC01/040	Demonstrate fundamental tiling skills – Tiling floors with a border	4	40	T/508/1338
PC01/041	Demonstrate fundamental tiling skills – Tiling wet areas	4	40	F/508/1343
PC01/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PC01/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PC01/050	Asbestos awareness	1	10	D/508/1379

Flooring Operations

Pathway CPC01I: A minimum of 4160 GLH from the optional unit/s must be achieved.

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PC01/038	Demonstrate fundamental flooring skills – Applying levelling compounds	4	40	K/508/1336
PC01/042	Demonstrate fundamental flooring skills – Fitting laminate flooring	4	40	D/508/1351
PC01/043	Demonstrate fundamental flooring skills – Carpet laying	4	40	M/508/1354
PC01/044	Demonstrate fundamental flooring skills – Fitting vinyl flooring	4	40	R/508/1363
PC01/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PC01/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PC01/050	Asbestos awareness	1	10	D/508/1379

Maintenance Operations

Pathway CPC01J: A minimum of 160 GLH from the optional unit/s must be achieved.

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PC01/006	Demonstrate fundamental maintenance skills on plumbing components	2	20	T/508/1176
PC01/010	Demonstrate fundamental maintenance skills on replacing electrical components	3	30	A/508/1213
PC01/045	Demonstrate fundamental carpentry maintenance skills	3	30	M/508/1371
PC01/046	Demonstrate fundamental maintenance skills on repairing surfaces	2	20	J/508/1375
PC01/047	Demonstrate fundamental maintenance skills on windows and doors	3	30	L/508/1376
PC01/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PC01/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PC01/050	Asbestos awareness	1	10	D/508/1379

Construction Operations**Pathway CPC01K: A minimum of 160 GLH from the optional unit/s must be achieved.****Optional Units:**

Unit	Unit Title	Credit	GLH	Ofqual Code
PC01/002	Demonstrate fundamental low carbon steel pipework practical applications	4	40	R/508/1170
PC01/003	Demonstrate fundamental copper tube practical applications	4	40	Y/508/1171
PC01/004	Demonstrate fundamental plastic pipework practical applications	4	40	H/508/1173
PC01/005	Demonstrate fundamental drilling and fixing methods within construction	2	20	M/508/1175
PC01/006	Demonstrate fundamental maintenance skills on plumbing components	2	20	T/508/1176
PC01/007	Demonstrate fundamental electrical installation lighting circuit craft skills	4	40	R/508/1198
PC01/008	Demonstrate fundamental electrical installation socket circuit craft skills	4	40	Y/508/1199
PC01/009	Demonstrate fundamental electrical installation of PVC containment	4	40	J/508/1201
PC01/010	Demonstrate fundamental electrical maintenance skills on replacing electrical components	3	30	A/508/1213
PC01/011	Demonstrate fundamental dry lining and skimming of a surface with joints	4	40	J/508/1215
PC01/012	Demonstrate fundamental rendering skills to external surfaces	4	40	Y/508/1218
PC01/013	Demonstrate fundamental plastering skills to internal surfaces	4	40	R/508/1220
PC01/014	Demonstrate fundamental floor screeding skills	4	40	H/508/1223
PC01/015	Demonstrate fundamental plastering skills - piers and reveals	4	40	T/508/1226
PC01/016	Demonstrate fundamental coving skills	4	40	J/508/1229
PC01/017	Demonstrate fundamental mixing of materials used in construction techniques	2	20	R/508/1234
PC01/018	Demonstrate fundamental plaster moulding and fixing skills	4	40	K/508/1241
PC01/019	Demonstrate fundamental building skills – Laying block paving	4	40	M/508/1242

Construction Operations (continued)**Pathway CPC01K: A minimum of 160 GLH from the optional unit/s must be achieved.****Optional Units:**

Unit	Unit Title	Credit	GLH	Ofqual Code
PC01/020	Demonstrate fundamental building skills – Constructing one brick walling	4	40	L/508/1281
PC01/021	Demonstrate fundamental building skills – Constructing a block wall	4	40	H/508/1285
PC01/022	Demonstrate fundamental building skills – Constructing a half brick return corner	4	40	A/508/1289
PC01/023	Demonstrate fundamental building skills – Constructing a cavity wall	4	40	F/508/1293
PC01/024	Demonstrate fundamental building skills – Laying slabs	3	30	R/508/1296
PC01/025	Demonstrate fundamental building skills – Constructing a fence	3	30	T/508/1307
PC01/026	Demonstrate fundamental building skills – Construction a path	3	30	F/508/1309
PC01/027	Demonstrate fundamental building skills – Installing an underground drainage system	4	40	K/508/1322
PC01/028	Demonstrate fundamental carpentry and joinery skills – Fitting kitchen cabinets and worktops	4	40	M/508/1323
PC01/029	Demonstrate fundamental carpentry and joinery skills – Constructing a product using a combination of woodworking joints	4	40	T/508/1324
PC01/030	Demonstrate fundamental carpentry and joinery skills – Fitting architrave, skirting and dado rail	4	40	F/508/1326
PC01/031	Demonstrate fundamental carpentry and joinery skills – Fitting an internal door including the ironmongery	3	30	J/508/1327
PC01/032	Demonstrate fundamental carpentry and joinery skills – Constructing a dry wall system	4	40	L/508/1328
PC01/033	Demonstrate fundamental carpentry and joinery skills – Fitting floor boards/sheets	4	40	R/508/1329
PC01/034	Demonstrate fundamental carpentry and joinery skills – Assembly and fitting of a door lining	2	20	J/508/1330
PC01/035	Demonstrate fundamental painting and decorating skills – Applying wallpaper	4	40	R/508/1332

Construction Operations (continued)

Pathway CPC01K: A minimum of 160 GLH from the optional unit/s must be achieved.

Optional Units:

Unit	Unit Title	Credit	GLH	Ofqual Code
PCO1/036	Demonstrate fundamental painting and decorating skills – Brush and roller work	4	40	D/508/1334
PCO1/037	Demonstrate fundamental painting skills – Painting an interior door and woodwork	4	40	H/508/1335
PCO1/038	Demonstrate fundamental flooring skills – Applying levelling compounds	4	40	K/508/1336
PCO1/039	Demonstrate fundamental tiling skills – Tiling plain walls	4	40	M/508/1337
PCO1/040	Demonstrate fundamental tiling skills – Tiling floors with a border	4	40	T/508/1338
PCO1/041	Demonstrate fundamental tiling skills – Tiling wet areas	4	40	F/508/1343
PCO1/042	Demonstrate fundamental flooring skills – Fitting laminate flooring	4	40	D/508/1351
PCO1/043	Demonstrate fundamental flooring skills – Carpet laying	4	40	M/508/1354
PCO1/044	Demonstrate fundamental flooring skills – Fitting vinyl flooring	4	40	R/508/1363
PCO1/045	Demonstrate fundamental carpentry maintenance skills	3	30	M/508/1371
PCO1/046	Demonstrate fundamental maintenance skills on repairing surfaces	2	20	J/508/1375
PCO1/047	Demonstrate fundamental maintenance skills on windows and doors	3	30	L/508/1376
PCO1/048	Demonstrate fundamental awareness of working at height	1	10	R/508/1377
PCO1/049	Demonstrate fundamental manual handling techniques	1	10	Y/508/1378
PCO1/050	Asbestos awareness	1	10	D/508/1379
PCO1/051	Demonstrate fundamental labouring practices and procedures within construction	3	30	D/508/1382
PCO1/052	Demonstrate fundamental building skills – Installing above ground drainage systems	4	40	J/508/1389