

Entry Level 3 Award in Basic Construction Skills (6218-01)

Qualification handbook for centres

501/1097/4



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1 Introduction to the qualification

This document contains the information that centres need to offer the following qualification:

Qualification title and level	Entry Level 3 Award in Basic Construction Skills
City & Guilds qualification number	6218-01
Qualification accreditation number	501/1097/4
Last registration date	31/12/2013
Last certification date	31/12/2014

This qualification meets the needs of candidates who work or want to work in various trades of the Construction sector. It allows candidates to learn, develop and practise the skills required for employment and/or career progression in the Construction sector. It also contributes knowledge and understanding towards the related Level 1 Award / Certificate / Diploma in Basic Construction Skills.

The Entry Level 3 Award in Basic Construction Skills replaces the City & Guilds Level 1 Introductory Certificate in Basic Construction Skills (qualification 6217-01) which expires on 31 December 2010.

1.1 Qualification structure

To achieve the Entry Level 3 Award in Basic Construction Skills, learners must achieve eight credits (minimum of 2 credits must be achieved from units 001 to 009). For example:

- four Entry Level 3 units, each with a value of two credits **or**
- two Entry Level 3 units each at two credits and one level 1 unit with a value of four credits.

2 Units

Summary of units (Entry Level 3)

City & Guilds unit number	Title	GLH
001	Introducing site carpentry skills	19
002	Introducing bench joinery skills	20
003	Introducing cabinet making skills	18
004	Introducing rain water goods	15
005	Introducing finishing Skills	20
006	Introducing levelling in construction	15
007	Introducing pipework skills	20
008	Introducing paint finishing skills	16
009	Introducing brickwork skills	20

Summary of units (Level 1)

City & Guilds unit number	Title	GLH
101	Developing site carpentry skills	32
102	Developing bench joinery skills	37
103	Developing cabinet making skills	34
104	Developing flooring skills	36
105	Developing partitioning skills	36
106	Developing hand tool maintenance skills	32
107	Developing hand plane skills	36
108	Developing pipework skills	32
109	Developing skills in fitted interiors	32
110	Developing brickwork skills	34
111	Developing Quoin skills	36
112	Developing Paint Finishing Skills	36
113	Developing surface preparation skills	36
114	Developing papering skills	34
115	Developing hardwood finishing skills	35
116	Developing blockwork skills	33
117	Developing rendering skills	32
118	Developing plastering skills	32
119	Developing tiling skills	36

Unit 001

Introducing site carpentry skills

Level: Entry Level 3

Credit value: 2

Unit aim

The aim of this unit is to provide the learner with the basic skills and knowledge required to produce carpentry work.

Learning outcomes

There are **two** learning outcomes to this unit. The candidate will:

1. know the resources required to produce basic carpentry joints
2. be able to joint timber.

Guided learning hours

It is recommended that **19** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Construction Skills.

Unit 001

Outcome 1

Introducing site carpentry skills

Know the resources required to produce basic carpentry joints

Assessment criteria

The learner can:

1. identify carpentry
 - hand tools
 - materials.

Range/Scope

Tools

- Measuring tape
- Try/combination square
- Marking gauge
- Tenon saw
- Bench hook
- Mallet
- Screwdriver
- Wheel brace
- Countersink and twist bits
- Chisels

Unit 001

Outcome 2

Introducing site carpentry skills

Be able to joint timber

Assessment criteria

The learner can:

1. use **safe working practices** to:
 - measure
 - mark out
 - gauge
 - cut
 - assemble
 - clean up work area.

Range

Safe working practices: Working in accordance with current legislation and best practice.

Unit 002

Introducing bench joinery skills

Level: Entry Level 3

Credit value: 2

Unit aim

The aim of this unit is to provide the learner with the basic skills and knowledge required to produce bench joinery work.

Learning outcomes

There are **two** learning outcomes to this unit. The candidate will:

1. know the resources required to produce basic bench joinery joints
2. be able to joint timber.

Guided learning hours

It is recommended that **20** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Construction Skills.

Unit 002

Outcome 1

Introducing bench joinery skills

Know the resources required to produce basic bench joinery joints

Assessment criteria

The learner can:

1. identify bench joinery
 - hand **tools**
 - materials.

Range

Tools

- Measuring tape
- Try/combination square
- Marking gauge
- Tenon saw
- Bench hook
- Mallet
- Chisel
- Mortice chisel

Unit 002
Outcome 2

Introducing bench joinery skills
Be able to joint timber

Assessment criteria

The learner can:

1. use **safe working practices** to
 - measure
 - mark out
 - gauge
 - cut
 - use adhesive
 - assemble
 - wedge
 - clean off joints
 - clean up work area.

Range

Safe working practices: Working in accordance with current legislation and best practice.

Unit 003

Introducing cabinet making skills

Level: Entry Level 3

Credit value: 2

Unit aim

The aim of this unit is to provide the learner with the basic skills and knowledge required to produce cabinet work.

Learning outcomes

There are **two** learning outcomes to this unit. The candidate will:

1. know the resources required to produce basic cabinet work
2. be able to joint timber.

Guided learning hours

It is recommended that **18** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Construction Skills.

Unit 003

Outcome 1

Introducing cabinet making skills

Know the resources required to produce basic cabinet work

Assessment criteria

The learner can:

1. identify cabinet making
 - hand **tools**
 - materials.

Range

Tools

- Measuring tape
- Try/combination square
- Marking gauge
- Tenon saw
- Bench hook
- Mallet
- Wheel brace
- Twist bits
- Chisel
- Hammer
- Bevel

Assessment criteria

The learner can:

1. use **safe working practices** to
 - measure
 - determine joint pitch
 - mark out
 - gauge
 - cut
 - use adhesive
 - assemble
 - clean off joints
 - clean up work area.

Range

Safe working practices: Working in accordance with current legislation and best practice.

Level: Entry Level 3

Credit value: 2

Unit aim

The aim of this unit is to provide the learner with the basic skills and knowledge required to fix rainwater goods.

Learning outcomes

There are **two** learning outcomes to this unit. The candidate will:

1. know the resources required to fix rainwater goods
2. be able to fix rainwater goods.

Guided learning hours

It is recommended that **15** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Construction Skills.

Unit 004

Introducing rain water goods

Outcome 1

Know the resources required to fix rainwater goods

Assessment criteria

The learner can:

1. identify
 - **hand tools** required to fix rainwater goods
 - rainwater **goods**
 - safe proprietary access equipment.

Range

Hand tools: Level, line, plumb bob, battery drill, tape measure, hand saw, screwdriver.

Goods: Gutter, union, downpipe, swan neck, shoe, brackets, clips, running outlet, stopped end.

Unit 004

Introducing rain water goods

Outcome 2

Be able to fix rainwater goods

Assessment criteria

The learner can:

1. use **safe working practices** to:
 - erect proprietary access equipment
 - fix guttering to a fascia
 - fix downpipe fittings.

Range

Safe working practices: Working in accordance with current legislation and best practice.

Level: Entry Level 3

Credit value: 2

Unit aim

The aim of this unit is to provide the learner with the basic skills and knowledge required to remove damaged plasterwork and apply a finish.

Learning outcomes

There are **four** learning outcomes to this unit. The candidate will:

1. know the resources required to remove damaged plasterwork and apply a finish
2. be able to prepare a background surface
3. be able to mix coatings
4. be able to apply coatings.

Guided learning hours

It is recommended that **20** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Construction Skills.

Unit 005

Outcome 1

Introducing Finishing Skills

Know the resources required to remove damaged plasterwork and apply a finish

Assessment criteria

The learner can:

1. identify the
 - plastering hand **tools**
 - plastering resources
 - mortar ratio.

Range

Tools: club hammer, brick bolster, jamb brush, level, hawk, rendering trowel, skimming trowel, gauging trowel, buckets, auger, feather edge board, tape measure

Unit 005

Outcome 2

Introducing Finishing Skills

Be able to prepare a background surface

Assessment criteria

The learner can:

1. use **safe working practices** to
 - mark out and remove damaged plastered area
 - clean background surface to a masonry structure.

Range

Safe working practices: Working in accordance with current legislation and best practice.

Unit 005
Outcome 3

Introducing Finishing Skills
Be able to mix coatings

Assessment criteria

The learner can:

1. use safe working practices to
 - mix the **render** coat using the correct **render mix ratio**
 - mix **plaster** coat.

Range

Render mix ratio. 1:3-1:5 cement and sand or lime mortar.

Render: correct consistency

Plaster: correct consistency

Unit 005

Outcome 4

Introducing Finishing Skills

Be able to apply coatings

Assessment criteria

The learner can:

1. use safe working practices to
 - apply render coat
 - apply **plaster coat**.

Range

Plaster coat: correct consistency; use of two coat plaster work

Level: Entry Level 3

Credit value: 2

Unit aim

The aim of this unit is to provide the learner with the basic skills and knowledge required to transfer levels.

Learning outcomes

There are **three** learning outcomes to this unit. The candidate will:

1. know the resources required to transfer levels
2. be able to check the accuracy of levelling equipment
3. be able to transfer levels.

Guided learning hours

It is recommended that **15** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Construction Skills.

Unit 006

Outcome 1

Introducing levelling in construction

Know the resources required to transfer levels

Assessment criteria

The learner can:

1. identify the **resources**.

Range

Resources: spirit level, straight edge, club hammer, ranging pegs (ranged over a distance of 8 m \pm 3 mm)

Unit 006

Outcome 2

Introducing levelling in construction

Be able to check the accuracy of levelling equipment

Assessment criteria

The learner can:

1. check for resource accuracy
 - spirit level
 - straight edge.

Unit 006

Outcome 3

Introducing levelling in construction

Be able to transfer levels

Assessment criteria

The learner can:

1. transfer levels
 - from a given datum height around a room
 - across ranging pegs.

Range

Resources: level, tape measure, straight edge

Unit 007

Introducing pipework skills

Level: Entry Level 3

Credit value: 2

Unit aim

The aim of this unit is to provide the learner with the basic skills and knowledge required to produce pipework.

Learning outcomes

There are **three** learning outcomes to this unit. The candidate will:

1. know the resources required to produce plastic pipework
2. be able to produce plastic supply pipework
3. be able to produce plastic waste pipework.

Guided learning hours

It is recommended that **20** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Construction Skills.

Unit 007

Introducing pipework skills

Outcome 1

Know the resources required to produce plastic pipework

Assessment criteria

The learner can:

1. identify
 - **plumbing hand tools**
 - **plastic plumbing resources.**

Range

Plumbing hand tools: hacksaw, pipe cutter, burr removing tool.

Plastic plumbing resources: 15 mm, 22 mm and 38 mm plastic tube, plastic clips, tee joints (obtuse, acute, reducing), elbows, lubricant.

Unit 007

Outcome 2

Introducing pipework skills

Be able to produce plastic supply pipework

Assessment criteria

The learner can:

1. use **safe working practices** to
 - form bends using push-fit fittings
 - form tee joints using push-fit fittings.

Range

Safe working practices: working in accordance with current legislation and best practice.

Unit 007

Outcome 3

Introducing pipework skills

Be able to produce plastic waste pipework

Assessment criteria

The learner can:

1. use **safe working practices** to
 - form bends using push-fit fittings
 - form tee joints using push-fit fittings.

Range

Safe working practices: working in accordance with current legislation and best practice.

Unit 008

Introducing paint finishing skills

Level: Entry Level 3

Credit value: 2

Unit aim

The aim of this unit is to provide the learner with the basic skills and knowledge required to apply paint finish.

Learning outcomes

There are **four** learning outcomes to this unit. The candidate will:

1. know the resources required to apply paint finish
2. be able prepare surfaces and work area
3. be able to apply paint
4. be able to clean up on completion.

Guided learning hours

It is recommended that **16** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Construction Skills.

Unit 008

Introducing paint finishing skills

Outcome 1

Know the resources required to apply paint finish

Assessment criteria

The learner can:

1. identify the **resources** required to
 - access surfaces
 - prepare surfaces
 - paint surfaces.

Range

Resources: Paint (range of colours), filler, rollers, brushes, paint tray, paint kettle, abrasive paper, sanding block, filler knife, rule or tape measure, chalk line, appropriate signs.

Access equipment: Proprietary access equipment.

Unit 008

Outcome 2

Introducing paint finishing skills

Be able prepare surfaces and work area

Assessment criteria

The learner can:

1. use **safe working practices** to
 - erect proprietary **access equipment**
 - prepare work area
 - prepare surfaces
 - display appropriate signs.

Range

Access equipment: Proprietary access equipment.

Safe working practice: working in accordance with current legislation and best practice.

Unit 008

Outcome 3

Introducing paint finishing skills

Be able to apply paint

Assessment criteria

The learner can:

1. use **safe working practices** to **apply** paint using
 - brush
 - rollers
2. display appropriate signs on completion.

Range

Safe working practice: working in accordance with current legislation and best practice.

Apply: Application of paint, correct techniques used, straight clean edges.

Unit 008

Outcome 4

Introducing paint finishing skills

Be able to clean up on completion

Assessment criteria

The learner can:

1. use **safe working practices** to clean
 - tools
 - equipment
 - work area.

Range

Safe working practice: working in accordance with current legislation and best practice.

Level: Entry Level 3

Credit value: 2

Unit aim

The aim of this unit is to provide the learner with the basic skills and knowledge required to produce brick and block work.

Learning outcomes

There are **four** learning outcomes to this unit. The candidate will:

1. know the resources required to lay bricks and blocks
2. be able to joint brick and block work
3. be able to lay bricks and blocks
4. be able to clean up on completion.

Guided learning hours

It is recommended that **20** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Construction Skills.

Unit 009

Outcome 1

Introducing brickwork skills

Know the resources required to lay bricks and blocks

Assessment criteria

The learner can:

1. identify bricklaying
 - **hand tools**
 - **materials.**

Range

Hand tools: laying trowel, pointing trowel, spirit level, pocket level, club hammer, brick bolster, comb hammer, brick hammer, line and pins, corner blocks, jointer, spot board and steel square, tape measure, gauge rod, profile board.

Materials: bricks, blocks, mortar.

Unit 009

Outcome 2

Introducing brickwork skills

Be able to joint brick and block work

Assessment criteria

The learner can:

1. use **safe working practices** to lay:
 - bed joints
 - perp joints.

Range

Safe working practices: Working in accordance with current legislation and best practice.

Unit 009
Outcome 3

Introducing brickwork skills
Be able to lay bricks and blocks

Assessment criteria

The learner can:

1. use **safe working practices** to:
 - measure
 - gauge
 - level
 - plumb
 - range
 - cut
 - lay bricks and blocks to line
 - joint.

Range

Safe working practices: Working in accordance with current legislation and best practice

Unit 009

Outcome 4

Introducing brickwork skills

Be able to joint brick and block work

Assessment criteria

The learner can:

1. use **safe working practices** to clean
 - tools
 - equipment
 - work area.

Range

Safe working practices: Working in accordance with current legislation and best practice.

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