## 6805-13 Diploma in Bricklaying at SCQF Level 4

September 2014 Version 1.0



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## **Candidate details**



This *Practical task manual* is a record of your achievement in practical assessments. You must keep it in good condition and it must be stored in a safe place by your Assessor.

Please fill in all of your details before you carry out any assessments.

### **Candidate Details**

Surname		Forename(s)	
City & Guilds enrolment number			

#### **Centre Details**

Name		Centre No	

I understand the requirements of the qualification and that all the work towards the assessments must be my own.

|--|--|

Assessor name (please print)	Signed	
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## Unit assessment overview Practical task completion record

### To be completed by Assessor:

## Unit 102 Contribute to setting out and building of masonry structures up to damp proof course

Task	Grade for task
1 Set out and build a cavity wall up to damp proof course	P/M/D/X
End of unit knowledge test	P/X

All tasks must be passed for the unit to be achieved.

Assessor signature and date:

The overall grade will be the same as the single graded task in this unit.

**Overall grade** 

rade	

## Unit 103 Carrying out blocklaying activities

Task	Grade for task
1 Build a block wall with return, junction and stopped end	P/M/D/X
End of unit knowledge test	P/X

All tasks must be passed for the unit to be achieved.

Assessor signature and date:

The overall grade will be the same as the single graded task in this unit.

Overall grade	
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## Unit 104 Carrying out bricklaying activities

Task	Grade for task
1 Build a half brick wall with internal and external returns	P/M/D/X
End of unit knowledge test	P/X

All tasks must be passed for the unit to be achieved.

Assessor signature and date:

The overall grade will be the same as the single graded task in this unit.

Overall grade

### Unit 105 Carrying out cavity walling activities

Task	Grade for task
1 Build a cavity wall and return corner	P/M/D/X
End of unit knowledge test	P/X

All tasks must be passed for the unit to be achieved.

Assessor signature and date:

The overall grade will be the same as the single graded task in this unit.

**Overall grade** 

## Authenticity and IQA/QC sampling

The assessor's signature on individual tasks will be taken as assurance that the judgements recorded are made on authentic candidate work produced under appropriate conditions. Please complete the declaration below to confirm this is the case.

I confirm that all tasks were conducted under conditions designed to assure the authenticity of the candidate's work, and am satisfied that, to the best of my knowledge, the work assessed was solely that of the candidate.

I have judged all assessments against the relevant assessment and grading criteria and award the candidate the unit grades as calculated above.

Assessor signature	Date
*IQA signature and date	*QC signature and date

\*IQA and QC signatures attest to the evidence available on the recorded date(s).

## Instructions to candidates

#### About this document

This *Practical task manual* contains all of the practical assessment for 6805-13 Diploma in Bricklaying.at SCQF Level 4

#### **Practical tasks**

These tasks let you show your practical skills and are usually graded pass, merit or distinction – a few are pass only. These tasks will be assessed by your assessor watching how you carry out the tasks and checking your final pieces of work.

Before you carry out the task you will be told how it will be assessed and you should read the observation checklist at the end of each task so you know what you need to do to get each grade.

You can ask your assessor for help in understanding the task instructions, but all of the work must be your own.

#### Health and safety

You must use safe working practices at all times.

You are responsible for your own safety and the safety of others. If you behave in an unsafe way, you will be stopped and given a warning. If you do not meet all of the Health and Safety requirements, the assessment will be stopped. Your assessor will not be able to let you try the task again until they are sure you can work safely.

#### **Time considerations**

Each task shows how long it is likely to take. This is for guidance and so you can plan your work. If you have a good reason for needing more time you must explain this to your assessor as soon as possible so they can decide whether you can have more time.

#### Security

Where an assignment is taken over more than one session, all documentation, paperwork and work products must be labelled carefully with your name and kept securely at the centre. Your assessor will give you directions about how to leave your work.

#### **Opportunities to repeat tasks**

The tasks are 'end tests' so you will only be asked to take the assessment when you have had the chance to do all of the learning and practice you need. You will be able to try the whole task again if you do not pass, but you will not be able to take the assessment again just to try to get a better grade.

#### Feedback

As well as telling you the result for the task your assessor will give you feedback. They will give you a feedback sheet with details of what you could do to improve, and also what you did well in. This will help you to prepare for other assessments or to retake the assessment if you need to.

## Unit 102 Contribute to setting out and building of masonry structures up to damp proof course

# Task 1Set out and build a cavity wall up to dampproof course

Expected time	3.5 hours	
Task instructions	<ul> <li>Read drawings and specifications.</li> <li>Complete the Unit 102 Task 1 Resource Checklist.</li> <li>Set out a rectangle and check measurements.</li> <li>Position mortar boards and bricks/blocks.</li> <li>Build a cavity wall with quoin.</li> <li>Keep a clean work area.</li> <li>Work safely at all times.</li> </ul>	
Diagrams	See page 14	

AC	The candidate has	Pass	Merit	Distinction
2.1	read drawing and specifications, and confirmed understanding of the task			
2.2	completed the Unit 102 Task 1 Resource Checklist			
2.3, 2.4	established the frontage line (Line A) to the correct length	± 10 mm	± 6 mm	± 3 mm
	established square right angles	± 10 mm	± 6 mm	± 3 mm
	established return lengths	± 10 mm	± 6 mm	± 3 mm
	established length of Line B	± 10 mm	± 6 mm	± 3 mm
	established equal diagonals	± 20 mm	± 12 mm	± 6 mm
2.4, 2.5	correctly positioned mortar boards and bricks/blocks			
	built wall in line with setting out			
	maintained overall brickwork gauge	± 5 mm	± 3 mm	± 1 mm
	built blockwork to gauge	± 6 mm	± 4 mm	± 2 mm
	built brickwork level	± 10 mm	± 6 mm	± 3 mm

AC	The candidate has	Pass	Merit	Distinction
2.4, 2.5	built blockwork level	± 10 mm	± 6 mm	± 3 mm
	built brickwork plumb (all 6 points)	± 6 mm	± 4 mm	± 2 mm
	built blockwork plumb (all 6 points)	± 6 mm	± 4 mm	± 2 mm
	ensured brickwork range	± 10 mm	± 6 mm	± 3 mm
	ensured blockwork range	± 10 mm	± 6 mm	± 3 mm
	jointed brickwork (half round)			
	jointed blockwork (flush from trowel)			
	ensured overall cavity wall width (300 mm)	± 10 mm	± 6 mm	± 3 mm
2.6	followed current environmental and relevant health and safety regulations			
	used tools, equipment and materials in a safe manner			
	used and maintained PPE as appropriate			
	maintained a clean and safe working area			
	cleaned and returned all tools and equipment once the task is complete			

Task grading rules		Task grade:
To award a <b>pass</b> : every activity in th successfully achieved.	e checklist must be	
To award a <b>merit</b> : in addition to the graded activities in the checklist mus <b>least</b> a merit standard.		
To award a <b>distinction</b> : <b>9</b> out of <b>14</b> graded activities in the checklist must be achieved to <b>at least</b> a distinction standard, and <b>5</b> of the remaining graded activities must be achieved to <b>at least</b> a merit standard.		
Assessor Signature & Date		

## Unit 103 Carrying out blocklaying activities Task 1 Build a block wall with return, junction and stopped end

Expected time	5 hours
Task instructions	<ul> <li>Read drawings and specifications.</li> <li>Complete the Unit 103 Task 1 Resource Checklist.</li> <li>Set out blockwork.</li> <li>Position mortar boards and blocks.</li> <li>Build a block wall with return, junction and stopped end.</li> <li>Keep a clean work area.</li> </ul>
	Work safely at all times.
Diagrams	See page 15

AC	The candidate has	Pass	Merit	Distinction
2.1, 4.1	read drawing and specifications, and confirmed understanding of the task			
2.2, 2.3, 2.4	completed the Unit 103 Task 1 Resource Checklist			
2.5	set out all linear measurements	± 15 mm	± 10 mm	± 5 mm
	correctly positioned mortar boards and blocks			
	ensured internal and external quoins are square	± 10 mm	± 6 mm	± 3 mm
4.2	cut blocks to the correct size using the measure, mark and cut sequence			
4.3	maintained plumbing at stopped end (2 plumbing points)	± 10 mm	± 6 mm	± 3 mm
	maintained plumbing at quoin (2 plumbing points)	± 10 mm	± 6 mm	± 3 mm
	maintained plumbing at T junction	± 10 mm	± 6 mm	± 3 mm
	maintained level over the length of the wall	± 12 mm	± 8 mm	± 4 mm
	maintained overall gauge	± 10 mm	± 6 mm	± 3 mm
	maintained face plane/diagonals to front elevation	± 10 mm	± 6 mm	± 3 mm

AC	The candidate has	Pass	Merit	Distinction
4.3	maintained range to racked blocks (return and T junction)	± 10 mm	± 6 mm	± 3 mm
	maintained bond throughout the wall			
	maintained cleanliness of face on blockwork	acceptable level of smudging	minimal level of smudging	no smudging
4.4	produced half round joints to external face and flush joints to rear			
4.5	used correct access equipment if required, or correctly answered access equipment question			
2.6, 4.6	followed current environmental and relevant health and safety regulations			
	used tools, equipment and materials in a safe manner			
	used and maintained PPE as appropriate			
	maintained a clean and safe working area			
	cleaned and returned all tools and equipment once the task is complete.			

Task grading rules		Task grade:
To award a <b>pass</b> : every activity in the ch successfully achieved.	necklist must be	
To award a <b>merit</b> : in addition to the above, <b>6</b> out of <b>10</b> graded activities in the checklist must be achieved to <b>at least</b> a merit standard.		
To award a <b>distinction</b> : <b>6</b> out of <b>10</b> graded activities in the checklist must be achieved to <b>at least</b> a distinction standard, and <b>4</b> of the remaining graded activities must be achieved to <b>at least</b> a merit standard.		
Assessor Signature & Date		

## Unit 104 Carrying out bricklaying activities Task 1 Build a half brick wall with internal and external returns

Expected time	8 hours
Task instructions	<ul> <li>Read drawings and specification.</li> <li>Complete the Unit 104 Task 1 Resource Checklist.</li> <li>Set out brickwork.</li> <li>Position mortar boards and bricks.</li> <li>Build a brick wall with internal and external returns.</li> <li>Keep a clean work area.</li> <li>Work safely at all times.</li> </ul>
Diagrams	See page 16

AC	The candidate has	Pass	Merit	Distinction
2.1, 4.1	read drawing and specifications, and confirmed understanding of the task			
2.2, 2.3, 2.4	completed Unit 104 Task 1 Resource Checklist			
2.5	set out length of front elevation	± 10 mm	± 6 mm	± 3 mm
	correctly set out internal right angle	± 6 mm	± 4 mm	± 2 mm
	correctly set out external right angle	± 6 mm	± 4 mm	± 2 mm
	set out length of returns	± 6 mm	± 4 mm	± 2 mm
4.2	prepared and safely cut bricks by hand			
4.3	maintained overall gauge	± 10 mm	± 6 mm	± 3 mm
	built front elevation level	± 10 mm	± 6 mm	± 3 mm
	built returns level	± 6 mm	± 4 mm	± 2 mm
	ensured external quoin is plumb (2 plumbing points)	± 6 mm	± 4 mm	± 2 mm
	ensured internal quoin is plumb (2 plumbing points)	± 6 mm	± 4 mm	± 2 mm

AC	The candidate has	Pass	Merit	Distinction
4.3	ensured stopped ends are plumb (4 plumbing points)	± 6 mm	± 4 mm	± 2 mm
	maintained perpends (plumb)	± 10 mm	± 6 mm	± 3 mm
	ranged the face plane	± 10 mm	± 6 mm	± 3 mm
4.4	produced half round joint to face and flush from trowel on rear			
	maintained cleanliness of face	acceptable level of smudging	minimal level of smudging	no smudging
4.5	used correct access equipment if required, or correctly answered oral question on use of access equipment			
2.6, 4.6	followed current environmental and relevant health and safety regulations			
	used tools, equipment and materials in a safe manner			
	used and maintained PPE as appropriate			
	maintained a clean and safe working area			
	cleaned and returned all tools and equipment once the task is complete.			

Task grading rules		Task grade:
To award a <b>pass</b> : every activity in the checkl successfully achieved.		
To award a <b>merit</b> : in addition to the above, <b>8</b> out of <b>13</b> graded activities in the checklist must be achieved to <b>at least</b> a merit standard.		
To award a <b>distinction</b> : <b>8</b> out of <b>13</b> graded activities in the checklist must be achieved to <b>at least</b> a distinction standard, and <b>5</b> of the remaining graded activities must be achieved to <b>at least</b> a merit standard.		
Assessor Signature & Date		

# Unit 105Carrying out cavity walling activitiesTask 1Build a cavity wall and return corner

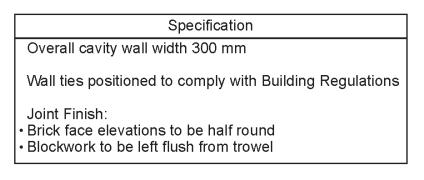
Expected time	10 hours	
Task instructions	Read drawings and specifications.	
	• Complete the Unit 105 Task 1 Resource Checklist.	
	Set out brickwork and blockwork.	
	Position mortar boards and bricks/blocks.	
	• Build a cavity wall with return and stopped end.	
	Keep a clean work area.	
	Work safely at all times.	
Diagrams	See page 17	

AC	The candidate has	Pass	Merit	Distinction
2.1, 4.1	read drawing and specifications, and confirmed understanding of the task			
2.2, 2.3, 2.4	completed the Unit 105 Task 1 Resource Checklist			
2.5, 4.3	transferred and established datum height from given fixed point	± 10 mm	± 6 mm	± 3 mm
	set out length of brickwork front elevation	± 10 mm	± 6 mm	± 3 mm
	set out length of brickwork return	± 10 mm	± 6 mm	± 3 mm
	set out length of blockwork front elevation	± 10 mm	± 6 mm	± 3 mm
	set out length of blockwork return	± 10 mm	± 6 mm	± 3 mm
	ensured overall cavity wall width (300 mm)	± 10 mm	± 6 mm	± 3 mm
	ensured return corner is square	± 10 mm	± 6 mm	± 3 mm
	correctly positioned mortar boards and bricks/blocks			
2.6	positioned wall ties in accordance with Building Regulations			
4.2	cut bricks accurately and consistently			
	cut blocks accurately and consistently			

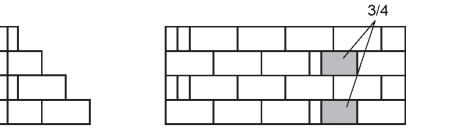
AC	The candidate has	Pass	Merit	Distinction
4.4	built front elevation brickwork level			
		± 10 mm	± 6 mm	± 3 mm
	built return brickwork level			
		± 6 mm	± 4 mm	± 2 mm
	built front elevation blockwork level			
		± 10 mm	± 6 mm	± 3 mm
	built return blockwork level			
		± 6 mm	± 4 mm	± 2 mm
	maintained overall brickwork gauge	± 10 mm	± 6 mm	± 3 mm
	maintained overall blockwork gauge			
		± 10 mm	± 6 mm	± 3 mm
	built brickwork plumb (all 6 points)			
		± 10 mm	± 6 mm	± 3 mm
	built blockwork plumb (all 6 points)			
		± 10 mm	± 6 mm	± 3 mm
	maintained brickwork face plane (front elevation)			
		± 10 mm	± 6 mm	± 3 mm
	maintained brickwork return face plane			
		± 6 mm	± 4 mm	± 2 mm
	maintained blockwork face plane (face elevation)			
		± 10 mm	± 6 mm	± 3 mm
	correctly laid DPC			
	maintained brickwork perpends (plumb)			
		± 10 mm	± 6 mm	± 3 mm
4.5	jointed brickwork (half round)			
	jointed blockwork (flush from trowel)			
	maintained cleanliness of face on brickwork and			
	blockwork	acceptable	minimal	no
		level of smudging	level of smudging	smudging
4.6	used correct access equipment if required, or	Sindaging	Sindaging	
1.0	correctly answered oral question on use of access			
	equipment			
2.7, 4.7	followed current environmental and relevant health and safety regulations			
	used tools, equipment and materials in a safe manner			
	used and maintained PPE as appropriate			
	maintained a clean and safe working area			
	cleaned and returned all tools and equipment once the task is complete.			

Task grading rules	Task grade:
To award a <b>pass</b> : every activity in the checklist must be successfully achieved.	
To award a <b>merit</b> : in addition to the above, <b>12</b> out of <b>20</b> graded activities in the checklist must be achieved to <b>at least</b> a merit standard.	
To award a <b>distinction</b> : <b>12</b> out of <b>20</b> graded activities in the checklist must be achieved to <b>at least</b> a distinction standard, and <b>8</b> of the remaining graded activities must be achieved to <b>at least</b> a merit standard.	
Assessor Signature & Date	

- Contribute to setting out and building of masonry structures up to Unit 102 damp proof course Set out and build a cavity wall up to damp proof course Task 1
  - В 665 mm A Frontage line 1.790 m Plan view/setting out 225 mm Front elevation 1.465 m 300 mm 340 mm 665 mm 300 mm 1.790 m Plan of first course

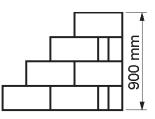


- Unit 103 Carrying out blocklaying activities
- Task 1Build a block wall with return, junction and stopped end

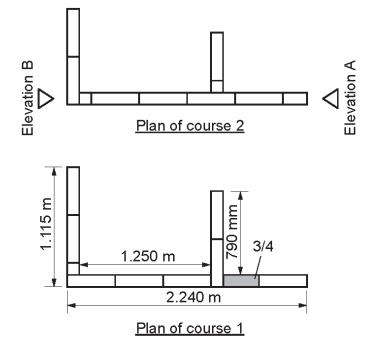




Front elevation



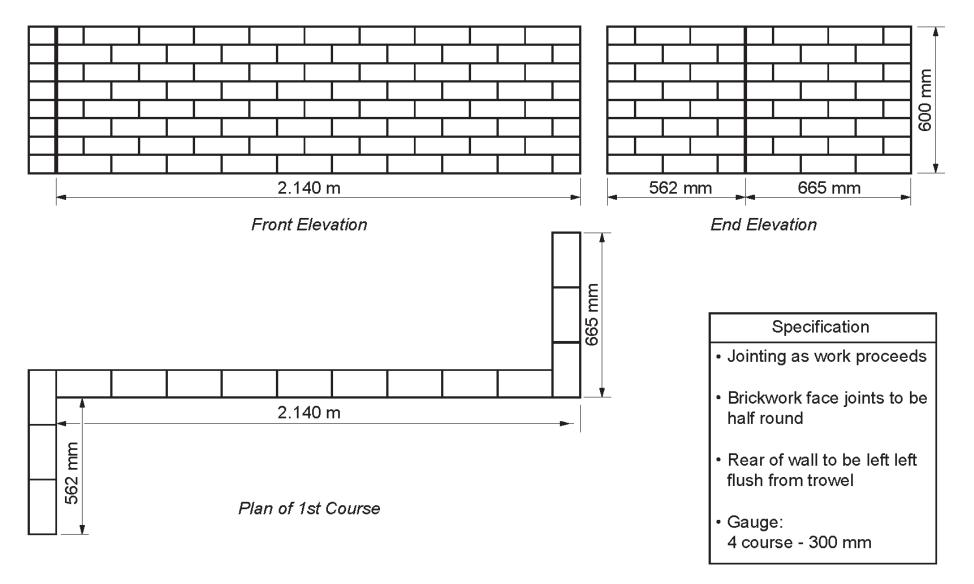


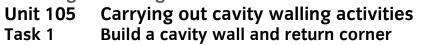


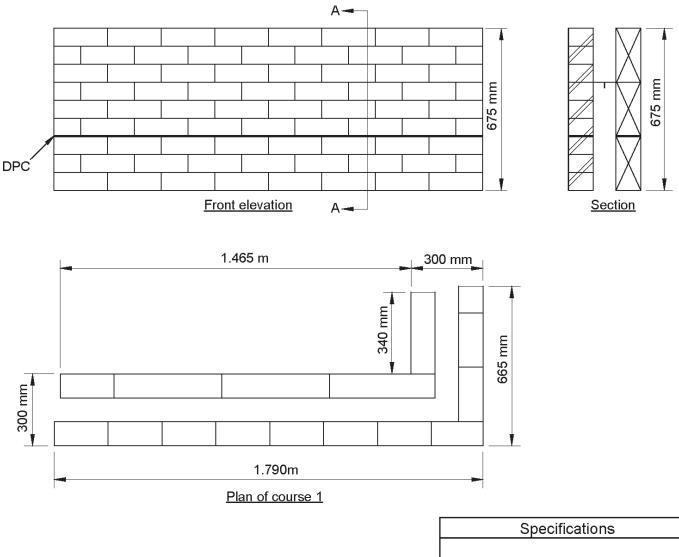
Specification
<ul> <li>Right angled quoin - racked back</li> </ul>
<ul> <li>T Junction tied into main wall and racked back</li> </ul>
<ul> <li>Joint finish to be half round for external face and flush jointing to internal faces</li> </ul>

Unit 104 Carrying out bricklaying activities

Task 1Build a half brick wall with internal and external returns







Overall cavity wall width 300 mm Wall ties positioned to comply with building regulations

Joint finish:

- Brick face elevations to be half round
- Blockwork to be left flush from trowel

## Resource checklists Unit 102 Task 1 Resource Checklist

Candidate name			Date	
Tools and equipm	ent			Quantity
eg cold chisel				1

Materials	Quantity
eg wall ties	6

Personal Protective Equipment (PPE)	Quantity
eg safety harness	1

## Resource checklists Unit 103 Task 1 Resource Checklist

|--|

Tools and equipment	Quantity	Condition
eg cold chisel	1	Free from defects, no mushroom head

Materials	Quantity	Condition
eg bricks	20	Free from defects

Personal Protective Equipment (PPE)	Quantity	Condition
eg safety harness	1	Free from defects, correct size

## Resource checklists Unit 104 Task 1 Resource Checklist

|--|

Tools and equipment	Quantity	Condition
eg cold chisel	1	Free from defects, no mushroom head

Materials	Quantity	Condition
eg blocks	20	Clean, dry and free from defects

Personal Protective Equipment (PPE)	Quantity	Condition
eg safety harness	1	Free from defects, correct size

## Resource checklists Unit 105 Task 1 Resource Checklist

Candidate name	Date	

Tools and equipment	Quantity	Condition
eg cold chisel	1	Free from defects, no mushroom head

Materials	Quantity	Condition
eg paving slabs	10	Free from defects

Personal Protective Equipment (PPE)	Quantity	Condition
eg safety harness	1	Free from defects, correct size

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