6805-23 Diploma in Bricklaying at SCQF Level 5

September 2014 Version 1.1



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Task manual amendments

Amendments in version 1.1

Page 11 Unit 205, Task 1: Increased expected task time from 3 to 6 hours.

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			

Centre Details

Nam	ne		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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Date

Unit assessment overview Practical task completion record

To be completed by Assessor:

Unit 203 Producing thin joint masonry and masonry cladding

Task	Grade for task
1 Produce thin joint masonry	P / M / D / X
End of unit knowledge test	P / X
All tacks must be passed for the unit to be achieved	

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

grade	

Unit 204 Building solid walling, isolated and attached piers

Task	Grade for task
1 Build a one brick thick wall with pier	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 205 Interpreting working drawings to set out masonry structures

Task	Grade for task
1 Set out a masonry structure	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 206 Construct cavity walling forming masonry structures

Task	Grade for task
1 Erect a cavity wall	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 6805-23 Diploma in Bricklaying at SCQF Level 5.

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 203 Producing thin joint masonry and masonry cladding

Task 1Produce thin joint masonry

Expected time	5 Hours
Task instructions	Read the drawings and specifications.
	Complete a method statement.
	Set out blockwork.
	Position mortar boards and blocks.
	Build thin joint blockwork.
	Keep a clean work area.
	Work safely at all times.
Diagrams	See page 16

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3,	read drawing and specifications, and confirmed understanding of the task			
2.4	completed a method statement			
2.9	positioned components ready for use			
2.6	transferred levels from datum point to corners	± 6 mm	±4 mm	±2 mm
2.8	correctly answered oral question on positioning ranging lines onto profiles and marking walling positions			
2.7	mixed adhesive to manufacturers' instructions			
2.10	prepared and safely cut blocks to the correct size	± 6 mm	±4 mm	±2 mm
2.11, 2.2	set out and built first course			
2.2	ensured diagonals are equal when setting out	± 12 mm	± 8 mm	± 4 mm
	built walls accurately in length	± 6 mm	±4 mm	±2 mm
	established first course level	± 6 mm	±4 mm	±2 mm
	maintained square corners (over 900 mm)	± 6 mm	±4 mm	±2 mm
	Elevations A & B			
	maintained plumbing at corners	± 6 mm	±4 mm	±2 mm

AC	The candidate has	Pass	Merit	Distinction
2.11, 2.2	maintained face plane	± 6 mm	±4 mm	±2 mm
	maintained bond			
2.12	safely used suitable access equipment if required, or correctly answered oral question on use of access equipment			
2.5	protected materials, work and surrounding areas from damage			
2.13	followed current environmental and 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 pass : every activity in the checklist must be successfully achieved.	
To award a merit : in addition to the above, 5 out of 8 graded activities in the checklist must be achieved to at least a merit standard.	
To award a distinction : 5 out of 8 graded activities in the checklist must be achieved to at least a distinction standard, and 3 of the remaining graded activities must be achieved to at least a merit standard.	
Assessor Signature & Date	

Unit 204 Building solid walling, isolated and attached piers

Task 1 Build a one brick thick wall with pier

Expected time	8 hours
Task instructions	 Read the drawings and specifications. Complete a method statement and risk assessment. Complete the Unit 204 Task 1 Resource Checklist. Set out brickwork. Position mortar boards and bricks. Build a solid wall with attached and isolated pier. Keep a clean work area. Work safely at all times.
Diagrams	See page 17

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.2, 2.3	read drawing and specifications, and confirmed understanding of the task			
2.4, 4.12, 6.11	correctly answered oral question on discrepancies			
2.5, 2.7	completed a method statement			
2.6, 2.8, 2.9, 4.7, 6.1	completed Unit 204 Task 1 Resource Checklist			
4.1	correctly answered oral question on setting out positions of ranging lines onto profiles and marking walling positions			
4.2, 6.3	positioned mortar boards and bricks			
4.3	prepared and safely cut materials			
	ensured cuts are accurate to maintain uniform joints			
2.10	gauged top of point A and transferred height to point D			

AC	The candidate has	Pass	Merit	Distinction
4.4, 4.11, 6.2,	accurately set out length of wall	± 8 mm	± 6 mm	± 4 mm
6.4, 6.10	accurately set out pier to square	± 6 mm	± 4 mm	± 2 mm
	accurately set out pier to size	± 6 mm	± 4 mm	± 2 mm
	maintained overall gauge to pier from top of first course	± 6 mm	± 4 mm	± 2 mm
	built brickwork plumb (area A)	± 6 mm	± 4 mm	± 2 mm
	built brickwork plumb (area B)	± 6 mm	± 4 mm	± 2 mm
	built brickwork plumb (area C)	± 6 mm	± 4 mm	± 2 mm
	built brickwork plumb (area D)	± 6 mm	± 4 mm	± 2 mm
	built brickwork plumb (area E)	± 6 mm	± 4 mm	± 2 mm
	built brickwork plumb (area F)	± 6 mm	± 4 mm	± 2 mm
	maintained quarter bond (perps aligned)	± 6 mm	± 4 mm	± 2 mm
	maintained face planes	± 6 mm	± 4 mm	± 2 mm
4.5, 6.6	ensured decorative soldiers to the face of the pier are plumb and flush			
	maintained overall level of brick on edge	± 6 mm	± 4 mm	± 2 mm
	ensured pier cap is level and square with equal projections			
6.5	ensured pier is bonded to solid wall			
4.6, 6.7	produced joint finishes (half round for main wall, recessed for soldiers) with regular depth and no smudging			
4.13, 6.13	used correct access equipment where required, or correctly answered oral question on use of access equipment			
6.12	correctly answered oral question on performing remedial work to overcome identified problems within given timescale			

AC	The candidate has	Pass	Merit	Distinction
2.11, 4.8, 4.9,	followed current environmental and relevant health and safety regulations			
4.10, 4.14, 6.8,	used tools, equipment and materials in a safe manner			
6.9, 6.14	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 pass : every activity in the checklist must be successfully achieved.	
To award a merit : in addition to the above, 8 out of 13 graded activities in the checklist must be achieved to at least a merit standard.	
To award a distinction : 8 out of 13 graded activities in the checklist must be achieved to at least a distinction standard, and 5 of the remaining graded activities must be achieved to at least a merit standard.	
Assessor Signature & Date	

Unit 205 Interpreting working drawings to set out masonry structures

Task 1Set out a masonry structure

Expected time	6 hours
Task instructions	Read the drawings and specifications.
	 Complete the Unit 205 Task 1 Resource Checklist (including a site survey).
	Complete a method statement.
	Set out and check measurements.
	Keep a clean work area.
	Work safely at all times.
Diagrams	See page 18

AC	The candidate has	Pass	Merit	Distinction
2.1, 2.3	read drawing and specifications, and confirmed understanding of the task			
2.4, 2.5	correctly answered oral question on discrepancies			
4.2, 4.3	performed a walk-over survey to establish site conditions and recorded findings on the Unit 205 Task 1 Resource Checklist			
2.6	completed a method statement			
4.1, 6.1	completed resources sections of the Unit 205 Task 1 Resource Checklist			
4.4	correctly calculated the volume of topsoil to be removed and recorded answer on the Unit 205 Task 1 Resource Checklist			
2.2, 6.3, 8.2	established positions of ranging lines from working drawings	± 12 mm	± 8 mm	± 4 mm
8.3	ensured frontage line is parallel to building line	± 12 mm	± 8 mm	± 4 mm
6.2, 8.4, 8.7	correctly set out the linear measurement between point A and point B	± 12 mm	± 8 mm	± 4 mm
0.7	correctly set out the linear measurement between point B and point C	± 12 mm	± 8 mm	± 4 mm
	correctly set out the linear measurement between point C and point D	± 12 mm	± 8 mm	± 4 mm
	correctly set out the linear measurement between point D and point A	± 12 mm	± 8 mm	± 4 mm

AC	The candidate has	Pass	Merit	Distinction
6.2, 8.4, 8.7	established equal diagonals	± 24 mm	± 16 mm	± 8 mm
8.1, 8.5	positioned profiles securely and as indicated on the drawing			
	located positions of building and marked walling and trench positions onto profiles	± 6 mm	± 4 mm	± 2 mm
6.4, 8.6	transferred datum height from point 1 to point 2	± 10 mm	± 6 mm	± 3 mm
8.8	used correct access equipment if required, or correctly answered oral question on use of access equipment			
2.7, 4.5, 6.5,	followed current environmental and relevant health and safety legislation			
8.9	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 pass : every activity in successfully achieved.		
To award a merit : in addition to a graded activities in the checklist least a merit standard.		
To award a distinction : 6 out of 9 graded activities in the checklist must be achieved to at least a distinction standard, and 3 of the remaining graded activities must be achieved to at least a merit standard.		
Assessor Signature & Date		

Unit 206 Construct cavity walling forming masonry structures

Task 1 Erect a cavity wall

Expected time	12 hours				
Task instructions	 Read the drawings and specifications. Complete the Unit 206 Task 1 Resource Checklist. 				
	Set out brickwork and blockwork.				
	Position mortar boards and bricks/blocks.				
	• Build a cavity wall with quoin and junction.				
	Keep a clean work area.				
	Work safely at all times.				
Diagrams	See page 19				

AC	The candidate has	Pass	Merit	Distinction
2.2, 2.3	read drawings and specifications, and confirmed understanding of the task			
2.4, 4.11, 6.8	correctly answered oral question on discrepancies			
2.5, 2.7, 4.1	completed a method statement			
2.6, 2.8, 2.9, 4.3, 6.1	completed the Unit 206 Task 1 Resource Checklist			
2.1, 4.2	transferred and established datum height from given fixed point	± 10 mm	± 6 mm	± 3 mm
4.4	correctly answered oral question on setting out positions of ranging lines onto profiles and marking walling positions			
4.5	positioned components ready for use as required			
4.6, 6.3	measured and safely cut bricks and insulation			
0.5	measured and safely cut blocks consistently and to the correct size	± 8mm	± 6 mm	± 4 mm
4.7	ensured overall length of front elevation	± 12 mm	± 8 mm	± 4 mm
	maintained brickwork gauge over the height of the wall (measured from datum height)	± 6 mm	± 4 mm	± 2 mm
	maintained blockwork gauge over the height of the wall (measured from datum height)	± 6 mm	± 4 mm	± 2 mm

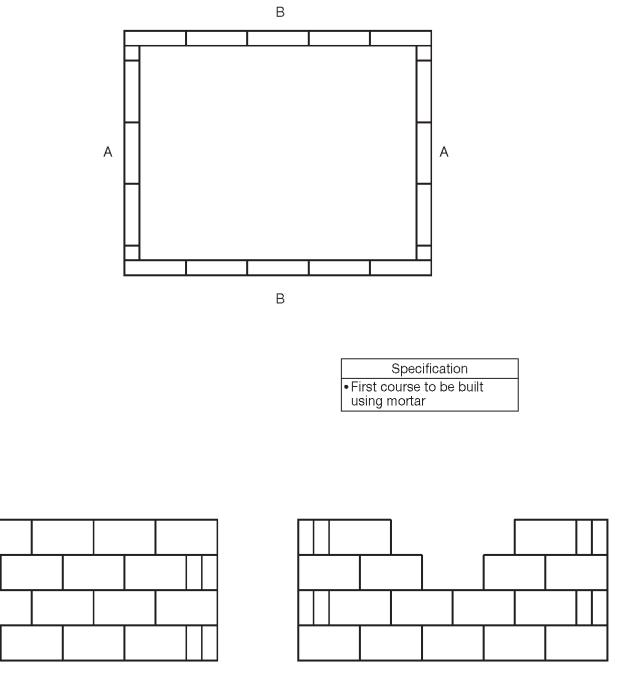
4.7	maintained brickwork level			
		± 10 mm	± 6 mm	± 3 mm
	maintained blockwork level			
		± 10 mm	± 6 mm	± 3 mm
	maintained plumb brickwork at area A			
		± 6 mm	± 4 mm	± 2 mm
	maintained plumb brickwork at area B			
		± 6 mm	± 4 mm	± 2 mm
	maintained plumb brickwork at area C			
		± 6 mm	± 4 mm	± 2 mm
	maintained plumb brickwork at window reveals			
		± 6 mm	± 4 mm	± 2 mm
	maintained plumb blockwork at area D			
		± 6 mm	± 4 mm	± 2 mm
	maintained plumb blockwork at area E			
		± 6 mm	± 4 mm	± 2 mm
	maintained plumb blockwork at area F			
		± 6 mm	± 4 mm	± 2 mm
		± 0 mm	± 4 11111	± 2 11111
	maintained plumb blockwork at area G			
		± 6 mm	± 4 mm	± 2 mm
	maintained plumb blockwork at area H			
		± 6 mm	± 4 mm	± 2 mm
	maintained plumb blockwork at window reveals			
		± 6 mm	± 4 mm	± 2 mm
	maintained face plane over brickwork			
		± 6 mm	± 4 mm	± 2 mm
	maintained face plane over blockwork			
		± 8 mm	± 6 mm	± 4 mm
	maintained square to blockwork junction			
		± 6 mm	± 4 mm	± 2 mm
	maintained square to blockwork quoin			
	· · ·	± 6 mm	± 4 mm	± 2 mm
	maintained square to brickwork quoin			
		± 6 mm	± 4 mm	± 2 mm
	laid DPC correctly			
	cavity closed in accordance with Building Regulations			
	positioned wall ties correctly			
	maintained overall cavity size			
		± 10 mm	± 6 mm	± 3 mm

AC	The candidate has	Pass	Merit	Distinction
6.2, 6.4	set out position of opening			
0.4	set out opening to correct size			
6.5	positioned lintel with correct bearing			
	installed cavity tray over lintel and maintained cleanliness			
	installed weep holes			
	maintained plumb of soldiers	± 4 mm	± 3 mm	± 2 mm
	maintained gauge of soldiers	± 4 mm	± 3 mm	± 2 mm
4.8	positioned partial fill insulation in accordance with manufacturer's instructions			
4.9, 6.6	produced full and complete joints			
0.0	produced joint finishes as per specification			
4.10, 6.7	protected work and surrounding area from damage			
4.12, 6.9	used correct access equipment if required, or correctly answered access equipment question			
2.10, 4.13, 6.10	followed current environmental and relevant health and safety legislation			
0.10	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 pass : every activity in the checklist must be successfully achieved.	
To award a merit : in addition to the above, 15 out of 25 graded activities in the checklist must be achieved to at least a merit standard.	
To award a distinction : 15 out of 25 graded activities in the checklist must be achieved to at least a distinction standard, and 10 of the remaining graded activities must be achieved to at least a merit standard.	
Assessor Signature & Date	

Drawings and diagrams

Unit 203Producing thin joint masonry and masonry claddingTask 1Produce thin joint masonry



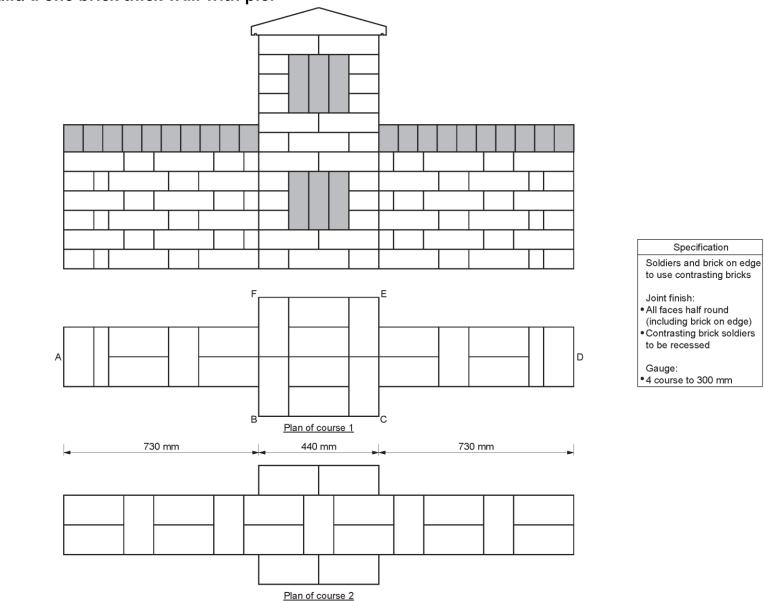
Elevation A

Elevation B

Drawings and diagrams

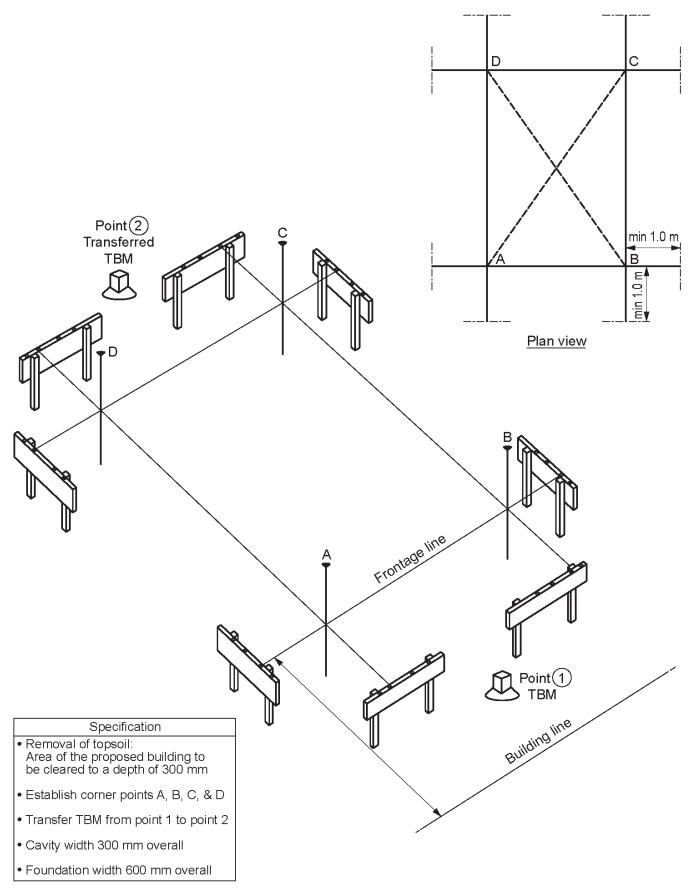
Unit 204 Building solid walling, isolated and attached piers

Task 1Build a one brick thick wall with pier

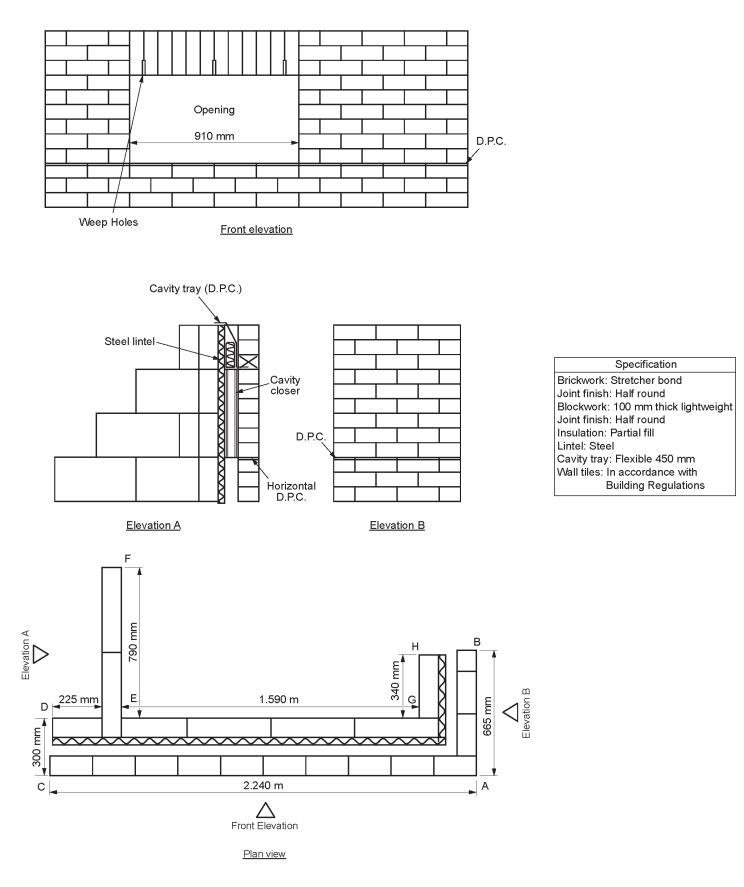


Drawings and diagrams

- Unit 205 Interpreting working drawings to set out masonry structures
- Task 1Set out a masonry structure



Drawings and diagramsUnit 206Construct cavity walling forming masonry structuresTask 1Erect a cavity wall



Resource checklists Unit 204 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 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 205 Task 1 Resource Checklist

Candidate name	Date	
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Walk over survey			
Condition of ground			
Condition of boundaries			
Obstacles or existing structures			
Site access			

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 206 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	15	Clean, dry and free from defects

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

Published by City & Guilds 1 Giltspur Street London EC1A 9DD T +44 (0)844 543 0000 F +44 (0)20 7294 2413 www.cityandguilds.com

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