## 6219 Entry Level and Level 1 Awards, Certificates and Diplomas in Construction Skills



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Candidate task manual – Bricklaying, Carpentry and Joinery

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**Candidate task manual – Bricklaying, Carpentry and joinery** 

Version and date	Change detail	Section
V2.2 October 2014	Measurement on Fig.2 changed to from 2750 to 2690 to bring in line with instruction on p.50 (discrepancy addressed).	Practical tasks (Assignment 118)
V2.3 October 2014	Knowledge tasks removed to insert in separate 'End of unit knowledge questions' document.  Removal of references to permission for	Knowledge tasks  Practical tasks
	candidates to have marking criteria with them during practical tasks.	
V2.4 November 2014	Formatting made consistent and minor amendments to improve clarity.	Practical tasks
V2.5 February 2015	p.17 in marking criteria 'level cross joints' amended to 'level'	Practical Task (Assignment 118)
V2.6 March 2015	Amended images for assignment 001 and 002	Practical Task (p.32 & 35)
V2.7 September 2016	Amended image for assignment 120 Task A Deleted phone numbers Updated City & Guilds Group statement	Practical Task (p. 24) p.2 & Useful Contacts p.2
V2.8 August 2018	Amendments made to the images for assignment 109 Task A, Figure 1 the arrows were set to the outside of the vertical lines and Figure 2 the floating arrow was removed.  The timber dimension sizes amended to standard timber sizes 45 mm x 30 mm.	<ul> <li>Practical Task</li> <li>(p. 56-61)</li> <li>Practical Task 001 - Task A (p. 30)</li> <li>Practical Task 105 - Task A (p. 42)</li> <li>Practical Task 107 - Task A (p. 48)</li> <li>Practical Task 103 - Task A (p. 36)</li> </ul>
V2.9 September	The timber dimension sizes amended to Any suitable dimension of timber (from 50 mm x 25 mm to 50 mm x 50mm)  The head and stile dimensions amended back to 33 mm x 12 mm from 32 mm x 12mm	<ul> <li>Practical Task 001 - Task A (p. 32)</li> <li>Practical Task 105 - Task A (p. 45)</li> <li>Practical Task 107 - Task A (p. 53)</li> <li>Practical Task 103 - Task A (p. 38)</li> </ul>

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#### **Candidate details**



This *Candidate 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 t must be my own.	that all the work towards the assessments
Candidate signature (please print)	
Assessor name (please print)	Signed
	Date

#### 1 Unit assessment overview





Assignment 101 Introduction to health and safety in construction

Task		Grade for task
A1	Why health and safety is important	P/X
A2	The role of the Health and Safety Executive	P/X
А3	Health and safety regulations	P/X
A4	Responsibility for health and safety	P/X
A5	Common causes of accidents in the construction industry - hazards	P/X
A6	Common causes of accidents in the construction industry - risks	P/X
A7	Risk assessment	P/X
A8	Health and safety sign categories	P/X
A9	Identify safety signs	P/X
A10	Identify COSSH signs	P/X
A11	Types of personal protective equipment (PPE)	P/X
A12	Purpose of personal protective equipment	P/X

All tasks must be passed for the unit to be achieved. Grading should be taken from the assessor guidance document. The overall grade should be calculated using the Marking Criteria in the Assessor Guide and transferred here.

Assessor signature and date:		
	Overall grade	P/M/D/X

#### Assignment 102 Introduction to the construction industry

Task		Grade for task
A1	Types of construction	P/X
A2	Sustainable construction	P/X
А3	Identify design features	P/X
A4	Energy saving materials used in the construction industry	P/X
A5	Construction industry activities	P/X
A6	Job opportunities in the construction industry	P/X

All tasks must be passed for the unit to be achieved. Grading should be taken from the assessor guidance document. The overall grade should be calculated using the Marking Criteria in the Assessor Guide and transferred here.

Assessor signature and date:		
	Overall grade	P/M/D/X

Task		Grade for task
A Construct a half brick wall		P/X
All tasks must be passed for the unit	to be achieved.	
Assessor signature and date:	This unit is achievable as pass/fail only	
	Overall grade	
Assignment 118 Constructing b	olock walling	
Task		Grade for task
A Construct a block wall		P/M/D/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	
A Construct a half brick return All tasks must be passed for the unit		P/M/D/X
Assessor signature and date:	The overall grade will be the same as the	
Assessor signature and date:	The overall grade will be the same as the single graded task in this unit.	
Assessor signature and date:	_	
	single graded task in this unit.  Overall grade	
	single graded task in this unit.	
	single graded task in this unit.  Overall grade	Points (graded tasks)
assignment 120 Constructing c	overall grade  avity walls in brickwork and block work	Points
Assignment 120 Constructing Constructing Constructing Constructing Construction Con	avity walls in brickwork and block work  Grade for task	Points
Assignment 120 Constructing contracting Constructing Constructing Construction Cons	avity walls in brickwork and block work  Grade for task  P / M / D / X  P / X	Points
Assignment 120 Constructing of Task  A Construct a cavity wall  B Knowledge task	avity walls in brickwork and block work  Grade for task  P / M / D / X  P / X	Points

#### Assignment 121 Constructing one brick walling

Task		Grade for task <sup>†</sup>	<b>Points</b> (graded tasks)
Α	Construct a one brick wall	P/M/D/X	
В	Knowledge task	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	

#### **Assignment 001 Constructing halving joints**

Task		Grade for task
A Construct a tee halving joint		P/X
All tasks must be passed for the unit to be achieved	ved.	
Assessor signature and date:	This unit is achievable as pass/fail only	
	Overall grade	

#### **Assignment 002 Constructing housing joints**

Task			Grade for task	
A C	Construct a tongued housing joint		P/X	
All tasks m	All tasks must be passed for the unit to be achieved.			
Assessor s	signature and date:	This unit is achievable as pass/fail only		
		Overall grade		

#### **Assignment 103 Constructing through mortice and tenon joints**

Task		Grade for task
A Construct a frame using through mortice and tenon joints		P/M/D/X
All tasks must be passed for the unit to be achieved	ved.	
Assessor signature and date:	The overall grade will be the same as the single graded task in this unit.	
	Overall grade	

#### **Assignment 104 Constructing angled halving joints**

Task		Grade for task
A Construct a builder's square using halving joints		P/M/D/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.	

#### **Assignment 105 Constructing bridle joints**

Task			Grade for task
Α	Construct a frame using bridle j	oints	P/M/D/X
All ta	asks must be passed for the unit to b	pe achieved.	
Asse	essor signature and date:	The overall grade will be the same as the single graded task in this unit.	
		Overall grade	
aai.	manus 106 Construction hou		
Task		nched mortice and tenon joints	Grade for task
Α	Construct a frame using haunch	ned mortice and tenon Joints	P/M/D/X
All ta	asks must be passed for the unit to b	pe achieved.	
Asse	essor signature and date:	The overall grade will be the same as the single graded task in this unit.	
		Overall grade	
\ssig	nment 107 Constructing stub	mortice and tenon joints	
Task			Grade for task
Α	Construct a frame using stub m	ortice and tenon joints	P/M/D/X
All ta	asks must be passed for the unit to b	pe achieved.	'
Asse	essor signature and date:	The overall grade will be the same as the single graded task in this unit.	
		Overall grade	

### Assignment 108 Fixing architraves and skirtings

Task	Grade for task	
A Fixing architraves and skirting		P/M/D/X
B Underpinning knowledge questions		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	

## Assignment 109 Constructing and fixing hatch linings

Task		Grade for task
A Make and fix hatch lining		P/M/D/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	

Task			Grade for task
Α	Fit locks and latches		P/M/D/X
All tas	sks must be passed for the unit to	be achieved.	
Assess	sor signature and date:	The overall grade will be the same as the single graded task in this unit.	
		Overall grade	

## 2 Practical tasks

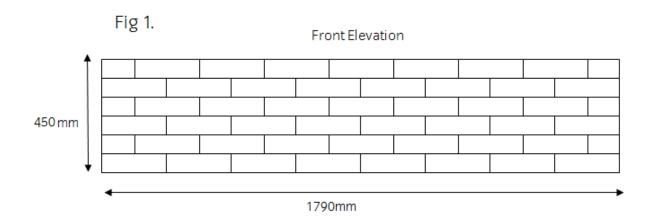
## **Constructing half brick walling**

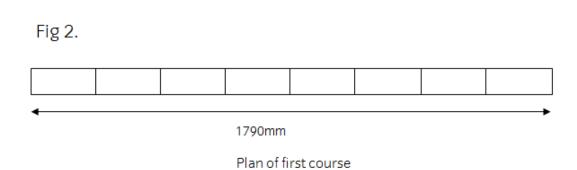
Construct a half brick wall



To complete this task you must build a half brick thick brick wall to the labelled Fig.1 and Fig 2.	e specification in the diagrams
You may have a copy of the diagrams during the practical assessment. with this.	Your assessor will support you
You have <b>2 hours</b> to complete this task.	
Your assessor will also ask you <b>one</b> question relating to constructing b answered correctly to pass this assignment.	rick walling which must be
This task can be achieved at pass only.	
Candidate answer record	
Answer	Achieved







## Constructing half brick walling

Marking criteria



Candidate name				
Assessor name				
Centre name				
To pass the assignment, candidates indicated below.	are required to c	omplete each	task to the m	ninimum standard
The candidate has:		Pass	Merit	Distinction
identified and used the personal prot (PPE) appropriate to building a half b				
identified selected and used the mate build a half brick thick wall	erials required to			
identified selected and used the tools required to build a half brick thick wa	· ·			
measured and set up profiles to a give	en specification			
dry bonded the brickwork				
calculated the correct number of bric	ks required			
set up a mortar board and stacked th	e bricks			
demonstrated safe setup of the work	area			
built half brick thick wall to the spec provided and within the following to		<del></del>		
setting out	<b>+/</b> – 40mm in 1790mm			
• level	+/- 40mm in 1790mm			
cross joints	10mm +/ – 8mm			
range measured diagonally	+/- 40mm			
maintained a clean and safe working followed health and safety guidelines				
cleared work area of surplus material completion of the job	s and debris on			
cleaned all tools and equipment read	y for re-use			
correctly answered question (refer to	Assessor Guide)			
Assignment passed? Yes	s/No			
Assessor signature				
Date				
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## Task A

## Constructing block walling Construct a block wall



To complete this task you must build a100mm thick lightweight block wall to the specification in the diagrams labelled Fig.1 and Fig. 2. The wall should be 2690mm x 600mm.

This task may be achieved at pass, merit or distinction.

You have 2 hours to complete this task.

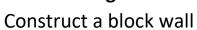
Candidate answer record

Your assessor will also ask you **one** question related to the construction of block walling which must be answered correctly to pass this assignment.

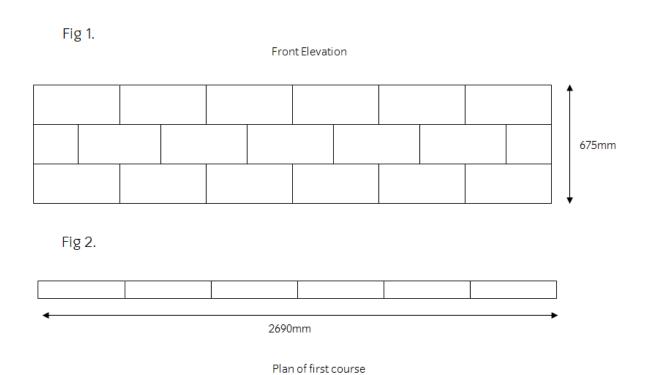
Answer	Achieve

Task A

## Constructing block walling







#### **Specification**

100 mm thick block wall in half bond between two profiles

## **Constructing block walling**

Marking criteria



Candidate name				
Assessor name				
Centre name				
To pass the assignment, the candidate is required to indicated below. All criteria for each grade must be a			nimum standard	
The candidate has:	Pass	Merit	Distinction	
identified and used appropriate Personal Protective Equipment (PPE)				
identified, selected and used the materials required				
identified, selected and used the correct tools and equipment				
measured and set up profiles to a given specification				
set up a mortar board and stacked the number of blocks required				
demonstrated safe setup of the work area				
built a 100 mm thick block wall within the following tolerances:				
Setting out	+/- 25mm in 2690mm	+/- 20mm in 2690mm	+ –15mm in 2690mm	
• Level	+/-30mm in 2690mm	+/-20mm in 2690mm	+/–10mm in 2690mm	
Cross Joints	10mm +/- 8mm	10mm +/- 5mm	10mm +/- 3mm	
Range measured diagonally	-/-25mm	-/-20mm	-/-15mm	
maintained a clean and safe working area following health and safety guidelines				
cleared work area of surplus materials and debris on completion of the job				
cleaned all tools an equipment ready for re-use				
correctly answered question (refer to Assessor Guide)				

Assignment passed?	Final grade: Pass/Merit/Distinction
Assessor signature	
Date	

## Constructing half brick return corners



#### Task A

Construct a half brick return corner

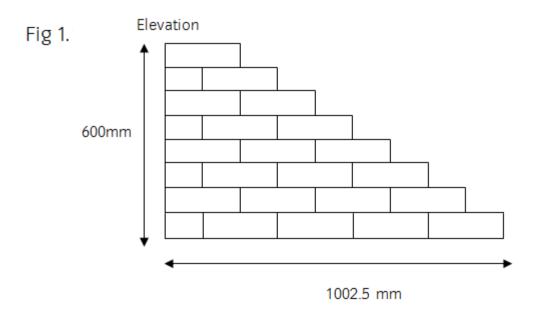
To complete this task, using the tools and materials provided, you must build a half brick thick return corner to the specifications in the diagrams labelled Fig. 1 and Fig. 2.

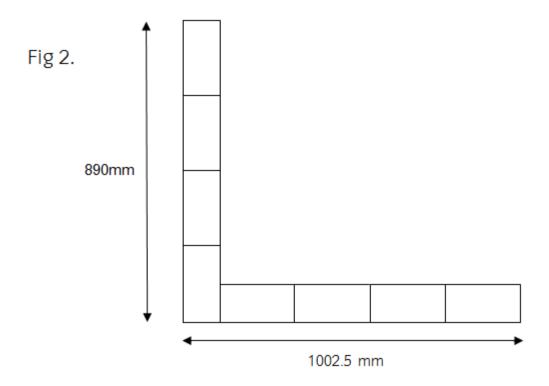
You may have a copy of the diagrams during the practical assessment. Your assessor will support you with this.

You have 2 hours to complete this task.

This task can be achieved at pass, merit or distinction.







## **Constructing half brick return corners**



Marking criteria

Candidate name			
Assessor name			
Centre name			
To pass the assignment, candidates are required indicated below. All criteria for each grade m			
The candidate has:	Pass	Merit	Distinction
identified and used appropriate personal protective equipment (PPE)			
identified, selected and used the materials required			
identified, selected and used the tools and equipment required			
measured and set up profiles to a given specification			
set up a mortar board and stacked the correct number of blocks required			
demonstrated safe setup of the work area			
built a half brick thick return corner within the tolerances below:			
Setting out	+/ -25mm in length	+/ -20mm in length	+/ -15mm in length
Square measured at Course 1	+/ -30mm in length	+/ -20mm in length	+/ -10mm in length
• Level	+/ -30mm in length	+/ -20mm in length	+/ -10mm in the length
Cross Joints	10mm +/ -8mm	10mm +/ – 5mm	10mm +/ – 3mm
Range measure diagonally on the tails	+/ -25mm	+/ -20mm	+/ –15mm
Plumbing point 1	+/ -30mm in height	+/ -20mm in height	+/-10mm in height

The candidate has:	Pass	Merit	Distinction
Plumbing point 2	+/ -30mm in height	+/ -20mm in height	+/ -10mm in height
• Gauge	+/ -30mm in height	+/ -20mm in height	+/ – 10mm in height
maintained a clean and safe working area following health and safety guidelines			
cleared work area of surplus materials and debris on completion of the job			
cleaned all tools and equipment ready for re-use			
Assignment passed? Final grade: P  Assessor signature	ass/Merit/Distincti	on	
Date			

## Constructing cavity walls in brickwork



Task A

Construct a cavity wall

and block work

You must build a brick and lightweight block cavity wall between 2 profiles to the specifications in the diagrams labelled Fig. 1 and Fig. 2.

This should include the provision of a damp proof course (DPC) and wall ties and you should finish the brickwork with a half round joint as the work proceeds

You may have a copy of the diagrams during the practical assessment. Your assessor will support you with this.

You have 3 hours to complete this task.

This task can be achieved at pass, merit or distinction.

## Constructing cavity walls in brickwork and block work



Task A

Construct a cavity wall

Fig 1

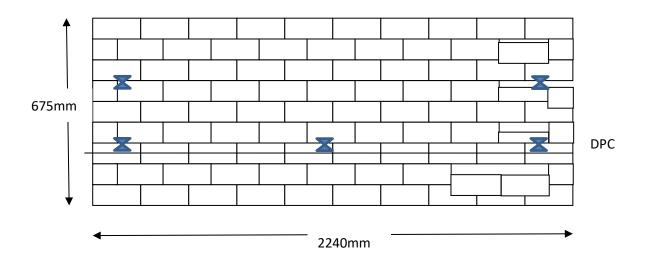


Fig 2



Plan view



Shows position of wall ties

# Constructing cavity walls in brickwork and block work



Marking criteria Task A

Candidate name			
Assessor name			
Centre name			
To pass the assignment, candidates are reindicated below. All criteria for each grad	•		
The candidate has:	Pass	Merit	Distinction
identified the personal protective equipment (PPE) appropriate to building a cavity wall			
identified the materials required to build a cavity wall			
identified the tools and equipment required to build a cavity wall			
used personal protective equipment (PPE) appropriately			
selected the tools, equipment and materials required to build a cavity wall			
set up profiles and dry bond the brickwork and block work			
set up a mortar board and stacked the required number of bricks and blocks to complete the wall			
demonstrated safe setup of the work area			
built the cavity wall to the given specification within the following tolerances			
Setting out			
Brickwork between profiles	+/- 25mm in length	+/-20mm in length	+/-15mm in length
Block work between profiles	+/- 25mm in length	+/-20mm in length	+/-15mm in length
Cavity Width	75mm +/–20mm in width	75mm +/–10mm in width	75mm +/–5mm in width

The candidate has:	Pass	Merit	Distinction
built the cavity wall to the given specification within the following tolerances			
Level			
Brickwork	+/-30mm in length	+/-20mm in length	+/-10mm in length
Block work	+/–30mm in length	+/–20mm in length	+/-10mm in length
Cross Joints			
Brickwork	10mm +/–8mm	10mm +/-5mm	10mm +/–3mm
Block work	10mm +/–8mm	10mm +/-5mm	10mm +/-3mm
Range measured diagonally			
Brickwork	 +/–25mm	 +/–20mm	 +/–15mm
Block work	 +/–25mm	 +/–20mm	 +/- 15mm
• Gauge	+/-30mm in height	+/-20mm in height	+/-10mm in height
finished the brickwork to a given specification within the tolerances below			
joint finish to brickwork	Some gaps in jointing	No gaps in jointing	
maintained a clean and safe working area and has followed health and safety guidelines			
cleared work area of surplus materials and debris on completion of the job			
cleaned all tools and equipment ready for re-use			
Assignment passed? Final Grade	: - Pass/Merit/Dist	inction	
Assessor signature			
Date			

## **Constructing one brick walling**

# City&

Task A

Construct a one brick wall

To complete this task you must build a one brick thick wall between two profiles to the specifications in the diagrams provided. The wall should have a bag rub finish.

You may have a copy of the diagrams during the practical assessment. Your assessor will support you with this.

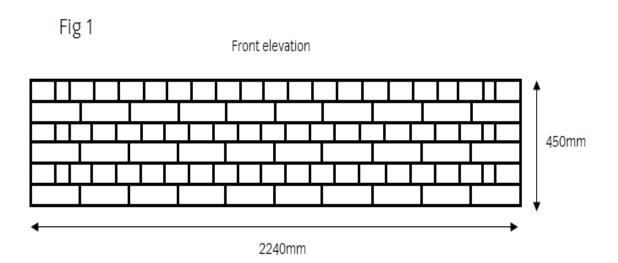
You have 2 hours and 30 minutes to complete this task.

This task may be achieved at pass, merit or distinction.

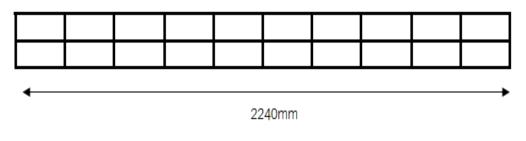
Task A

Construct a one brick wall









Plan of course 1

Where a candidate is completing the task individually the length of the wall should be reduced from 10 to 6 bricks long and the height reduced from 6 to 4 courses.

## Constructing one brick walling

Marking criteria



Candidate name			
Assessor name			
Centre name			
To pass the assignment, the candidate is required to indicated below. This task can be achieved at pass, should be used to determine the grade achieved. A that grade.	merit or distino	tion and the t	olerances below
The candidate has:	Pass	Merit	Distinction
identified and used the appropriate personal protective equipment (PPE)			
identified the materials required			
identified the tools and equipment required			
selected the tools and equipment required			
measured and set up profiles to a given specification			
dry bonded the bricks to the following tolerance	+/-30mm	-/-20mm	+/-10mm
set up a mortar board and stacked the required number of bricks			
demonstrated safe setup of the work area			
built a one brick thick wall to the specifications provided and within the tolerances below			
Setting out	+/-25mm in length	+/-20mm in length	+/–10mm in length
• Level	+/-30mm in length	+/-20mm in length	+/-10mm in length
Cross joints	10mm +/- 8mm	10mm +/- 5mm	10mm +/- 3mm
carried out a bag rub finish			
maintained a clean and safe working area and has followed health and safety guidelines			
cleared work area of surplus materials and debris on completion of the job			
cleaned all tools and equipment ready for re-use			

Assignment passed?	Final Grade: Pass/Merit/Distinction
Assessor signature	
Date	

## Task A

## **Constructing halving joints**



## Construct a tee halving joint

To complete this task you must construct a tee halving joint as shown on the drawing (Figure 1), to a tolerance of +/- 2 mm for both sawing and chiselling. You must also answer a question about halving joints correctly.

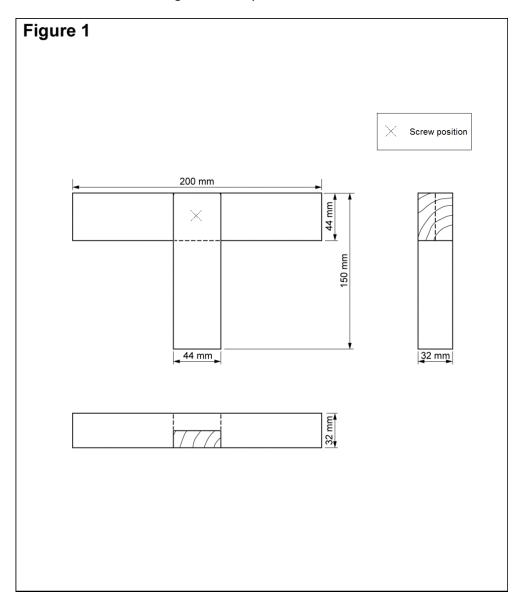
You may have a copy of the diagrams during the practical assessment. Your assessor will support you with this.

This task can be achieved at pass only.

ndidate answer record		
Answer	Achieved	



Dimensions shown are for guidance only



#### **Specification**

Timber should be planed European redwood.

Any suitable dimension of timber (from 50 mm x 25 mm to 50 mm x 50 mm)

Tee halving to be constructed in the centre of the horizontal member.

Tolerances of +/-2mm for both sawing and chiselling

The joint should be glued and screwed.

## **Constructing halving joints**

Marking Criteria



Candidate name				
Assessor name				
Centre name				
To pass the assignment, candidates are requir indicated below.	ed to complete	each task to th	e minimum standa	rd
The candidate has:	Pass	Merit	Distinction	
identified and used personal protective equipment (PPE) appropriate to constructing halving joints				
identified and selected materials required to construct halving joints				
successfully marked out and constructed halving joints to a given specification				
identified and selected tools and equipment required to construct halving joints				
demonstrated safe setup of the work area.				
maintained a clean and safe working area following health and safety guidelines				
cleared the work area of surplus materials and debris on completion of the job				
cleaned all tools and equipment ready for re-use				
correctly answered question (refer to Assessor Guide)				
Assignment passed? Yes / No				
Assessor signature				_
Date				_

Task A

## **Constructing housing joints**



## Construct a tongued housing joint

#### **Candidate Guidance**

To complete this task you must construct a tongued housing joint as shown on the drawing (Figure 1) to a tolerance of +/- 2 mm for both sawing and chiselling. You must also answer a question about housing joints correctly.

You may have a copy of the diagrams during the practical assessment. Your assessor will support you with this.

This task can be achieved at pass only.

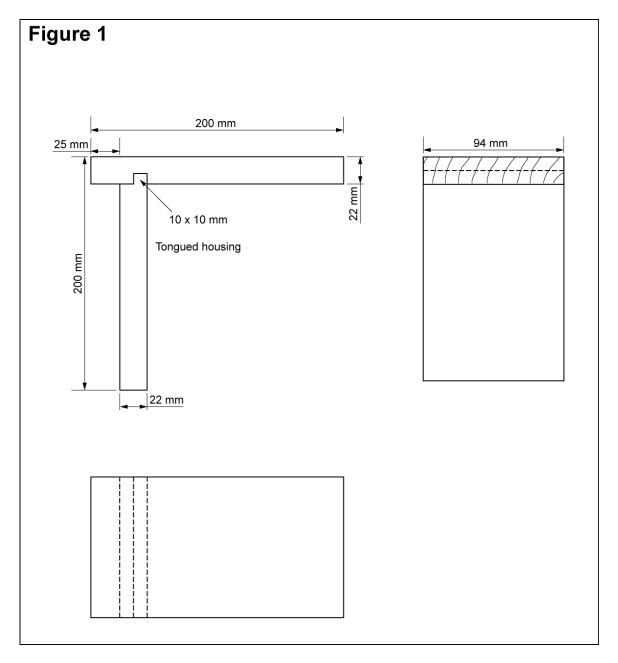
late answer record		
Answer	Achieve	

Task A

### **Constructing housing joints**







#### **Specification**

Timber should be planed European redwood finished size 94 mm X 22 mm

Tongued housing is to be constructed 25 mm in from the end of the horizontal member.

Tolerances of +/- 2mm for both sawing and chiselling

The joint should glued and screwed or nailed.

Task A

# **Constructing housing joints**Construct a tongued housing joint



Candidate name			
Assessor name			
Centre name			
To pass the assignment, candidates are required to comindicated below.	iplete each tasi	k to the minin	num standard
The candidate has:	Pass	Merit	Distinction
identified and used personal protective equipment (PPE) appropriate to constructing halving joints			
identified and selected materials required to construct housing joints			
successfully marked out and constructed housing joints to a given specification			
identified and selected tools and equipment required to construct housing joints			
demonstrated safe setup of the work area			
maintained a clean and safe working area following health and safety guidelines			
cleared the work area of surplus materials and debris on completion of the job			
cleaned all tools and equipment ready for re-use			
correctly answered question (refer to Assessor Guide)			
Assignment passed? Yes / No			
Assessor signature			
Date			



Assignment 103 Constructing through mortice and tenon

joints

Task A Construct a frame using through mortice

and tenon joints

#### **Candidate Guidance**

To complete this task you must construct and finish a frame using through mortice and tenon joints as shown on the drawing (Figure 1). You should have seen the marking criteria before you start the task but you should not have a copy with you during the assessment.

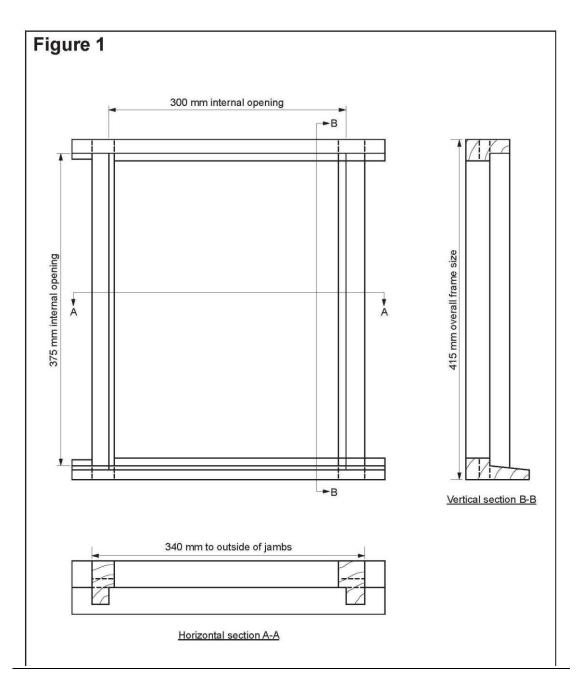
This task can be achieved at pass, merit and distinction.

# Constructing through mortice and tenon joints

City& Guilds

Task A

Construct a frame using through mortice and tenon joints



#### **Specification**

Timber to be planed European redwood; head and jambs to be finished size 69 mm X 32mm, cill 90 mm X 32 mm. Head and stiles to be once rebated 33 mm X 12 mm, cill to be rebated and have a 5mm chamfer. Timber to be rebated by the centre, candidate to form the chamfer to the cill.

All joints should be glued and wedged.

# Constructing through mortice and tenon joints



Marking Criteria Task A

Candidate name			
Assessor name			
Centre name			
To pass the assignment, candidates are required to co indicated below. All criteria for each grade must be a	•		imum standard
The candidate has:	Pass	Merit	Distinction
identified and used personal protective equipment (PPE) appropriate to constructing through mortice and tenon joints			
identified and selected materials required to construct a frame using through mortice and tenon joints			
successfully marked out, constructed and finished a frame using through mortice and tenon joints to the given specification			
Width of frame	+/- 5mm	+/- 3mm	+/- 1mm
Height of frame	+/- 5mm	+/- 3mm	+/- 1mm
Twist to frame	+/- 5mm	+/- 3mm	+/- 1mm
From square	+/- 3mm	+/- 2mm	+/- 1mm
• Joints	+/- 3mm to	+/- 2mm to 2 joints	+/- 1mm to 3 joints
identified and selected tools and equipment required to construct a frame using through mortice and tenon joints			
demonstrated safe setup of the work area.			
maintained a clean and safe working area following health and safety guidelines			
cleared the work area of surplus materials and debris on completion of the job			
cleaned all tools and equipment ready for re-use			
Assignment passed? Final Grade Pass/Mer	rit /Distinction		
Assessor signature			
Date			

Task A

### **Constructing angled halving joints**



# Construct a Builder's Square using halving joints

#### **Candidate Guidance**

Candidate answer record

To complete this task you must construct a Builder's Square using halving joints as shown on the drawing (Figure 1). You must also answer a question about halving joints correctly.

You may have a copy of the diagrams during the practical assessment. Your assessor will support you with this.

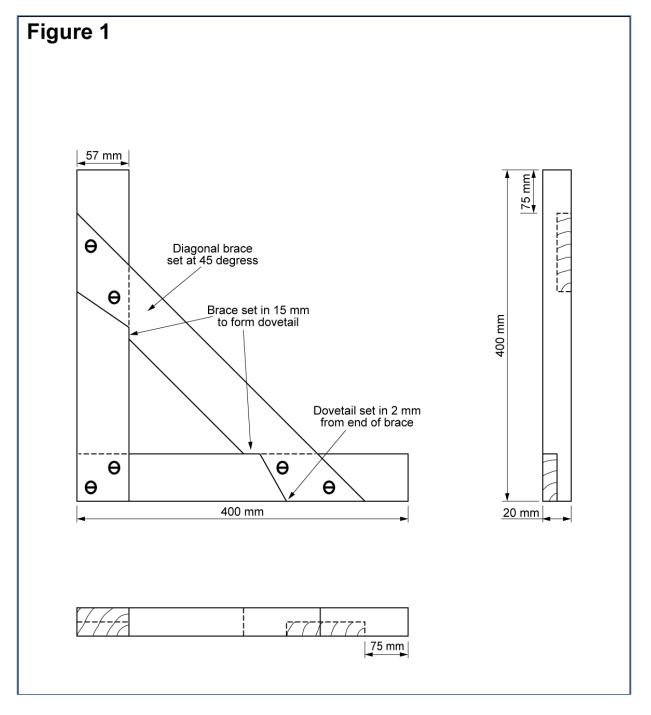
This task can be achieved at pass, merit and distinction.

Answer	Achieve

## **Constructing angled halving joints**

Construct a Builder's Square using halving joints





#### **Specification**

Timber to be planed European redwood finished size 57mm X 20mm

All joints are to be glued and screwed together.

# **Constructing angled halving joints**

Marking Criteria

Task A



Candidate name			
Assessor name			
Centre name			
To pass the assignment, candidates are required to complindicated below. All criteria for each grade must be achieve			n standard
The candidate has:	Pass	Merit	Distinction
identified and used personal protective equipment (PPE) appropriate to constructing halving joints			
identified and selected materials required to construct halving joints			
successfully marked out and constructed halving joints to the given specification			
From square	+/- 5mm	+/- 3mm	+/- 1mm
• Joints	+/- 2mm to all joints	+/- 1mm to 2 joints	+/- 1mm to all joints
Twist to frame	+/- 3mm	+/- 2mm	+/- 1mm
Joints flush	+/- 2mm	+/- 1mm	All joints flush
identified and selected tools and equipment required to construct halving joints			
demonstrated safe setup of the work area.			
maintained a clean and safe working area following health and safety guidelines			
cleared the work area of surplus materials and debris on completion of the job			
cleaned all tools and equipment ready for re-use			
correctly answered question (refer to Assessor Guide)			

Assignment passed?	Final grade Pass/ Merit / Distinction
Assessor signature	

#### Task A

## **Constructing bridle joints**



Construct a frame using bridle joints

#### **Candidate Guidance**

Candidate answer record

To complete this task you must construct a frame using bridle joints as shown on the drawing (Figure 1). You must also answer a question about bridle joints correctly.

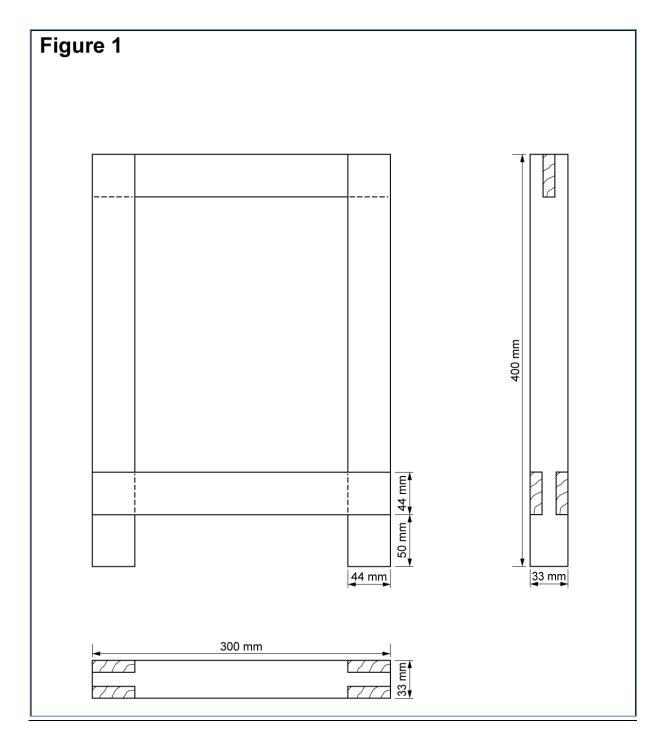
You may have a copy of the diagrams during the practical assessment. Your assessor will support you with this.

This task can be achieved at pass, merit and distinction.

Answer	Achie







#### **Specification**

Timber to be planed European redwood finished size 44 mm X 33mm

All joints should be screwed and glued

Any suitable dimension of timber (from 50 mm x 25 mm to 50 mm x 50mm)

# **Constructing bridle joints**



Marking criteria Task A

Candidate name			
Assessor name			_
Centre name			
To pass the assignment, candidates are required to complindicated below. All criteria for each grade must be achieved			n standard
The candidate has:	Pass	Merit	Distinction
identified and used personal protective equipment (PPE) appropriate to constructing bridle joints			
identified and selected materials required to construct a frame using bridle joints			
successfully marked out and constructed a frame using bridle joints to the given specification			
Width of frame	+/- 5mm	+/- 3mm	+/- 1mm
Height of frame	+/- 5mm	+/- 3mm	-/- 1mm
Twist to frame	+/- 3mm	+/- 2mm	+/- 1mm
From square	+/- 3mm	+/- 2mm	+/- 1mm
• Joints	+/- 2mm to all joints	+/- 1mm to 2 joints	+/- 1mm to all joints
Joints flush	+/- 2mm flush	+/- 1mm flush	All joints flush
identified and selected tools and equipment required to construct a frame using bridle joints			
demonstrated safe setup of the work area.			
maintained a clean and safe working area following health and safety guidelines			
cleared the work area of surplus materials and debris on completion of the job			
cleaned all tools and equipment ready for re-use			
correctly answered question (refer to Assessor Guide)			

Assignment passed?	Final grade:	Pass/Merit/Distinction
Assessor signature		
Date		

# Constructing haunched mortice and tenon joints



Task A

Construct a frame using haunched

mortice and tenon joints

#### **Candidate Guidance**

To complete this task you must construct and finish a frame using haunched mortice and tenon joints as shown on the drawing (Figure 1).

You may have a copy of the diagrams during the practical assessment. Your assessor will support you with this.

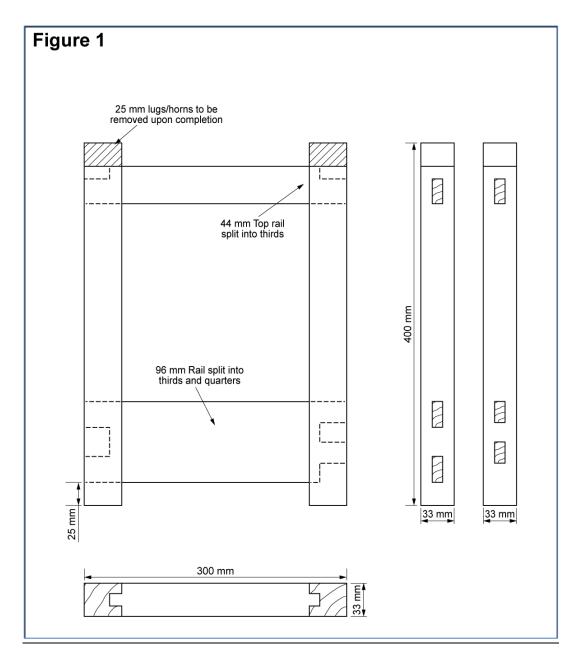
This task can be achieved at pass, merit and distinction.

# Constructing haunched mortice and tenon joints



Task A

Construct a frame using haunched mortice and tenon joints



#### **Specification**

Timber to be planed European redwood; stiles and top rail finished size 44mm X 33mm, bottom rail 96 mm X 33 mm

All joints to be glued and wedged

Top lugs/horns to be removed upon completion to show haunches on the top rail

# Constructing haunched mortice and tenon joints



Marking Criteria Task A

Candidate name			
Assessor name			
Centre name			
To pass the assignment, candidates are required to compindicated below. All criteria for each grade must be achie			ım standard
The candidate has:	Pass	Merit	Distinction
identified and used personal protective equipment (PPE) appropriate to constructing haunched mortice and tenon joints			
identified and selected materials required to construct a frame using haunched mortice and tenon joints			
successfully marked out and constructed a frame using haunched mortice and tenon joints to the given specification			
Width of frame	+/- 5mm	+/- 3mm	+/- 1mm
Height of frame	+/- 5mm	+/- 3mm	+/- 1mm
Twist to frame	+/- 5mm	+/- 3mm	+/- 2mm
• Joints	+/- 2mm to all joints	+/- 1mm to 2 joints	+/- 1mm to all joints
Joints flush	+/- 2mm flush	+/- 1mm flush	All joints flush
identified and selected tools and equipment required to construct a frame using haunched mortice and tenon joints			
demonstrated safe setup of the work area.			
maintained a clean and safe working area following health and safety guidelines			
cleared the work area of surplus materials and debris on completion of the job			
cleaned all tools and equipment ready for re-use			

Assignment passed?	Final grade Pass/Merit /Distinction	
Assessor signature		
Date		

Task A

## **Constructing stub mortice and tenon joints**



Construct a frame using stub mortice and tenon joints

#### **Candidate Guidance**

To complete this task you must construct and finish a frame using stub mortice and tenon joints as shown on the drawing (Figure 1).

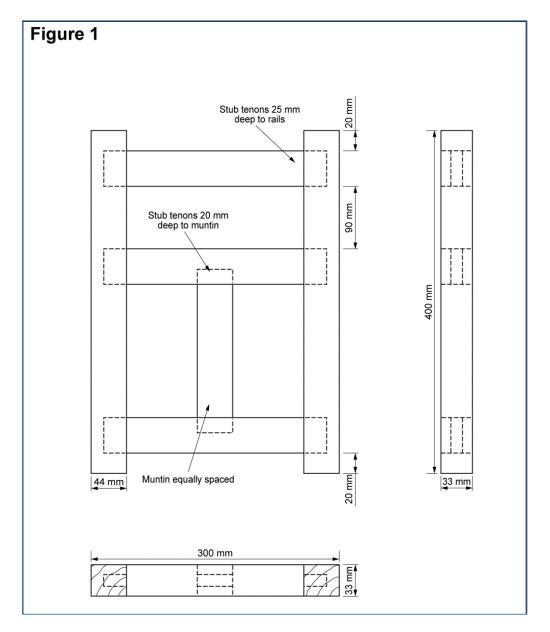
You may have a copy of the diagrams during the practical assessment. Your assessor will support you with this.

This task can be achieved at pass, merit and distinction.

## Constructing stub mortice and tenon joints



Construct a frame using stub mortice and tenon joints



#### **Specification**

Timber to be planed European redwood; stiles and rails finished size 44mm X 33mm, muntin 44 mm X 3 mm

Muntin to be spaced centrally between the stiles

All joints to be glued only

Any suitable dimension of timber (from 50mm x 25mm to 50mm x 50mm)

**Unit 107** 

# Constructing stub mortice and tenon joints



Marking criteria Task A

Candidate name			<u> </u>
Assessor name			
Centre name			
To pass the assignment, candidates are required to comple indicated below. All criteria for each grade must be achieve			m standard
The candidate has:	Pass	Merit	Distinction
identified and used personal protective equipment (PPE) appropriate to constructing stub mortice and tenon joints			
Identified and selected materials required to construct a frame using stub mortice and tenon joints			
successfully marked out, constructed and finished a frame using stub mortice and tenon joints to the given specification			
Width of frame			+/- 1mm
Height of frame	+/- 5mm	+/- 3mm	+/- 1mm
Twist to frame	-/- 5mm	+/- 3mm	+/- 2mm
From square	+/- 3mm	-/- 2mm	+/- 1mm
• Joints	+/- 2mm to all joints	+/- 1mm to 2 joints	+/- 1mm to all joints
Joints flush	+/- 2mm	+/- 1mm	All joints flush
Identified and selected tools and equipment required to			
construct a frame using stub mortice and tenon joints			
demonstrated safe setup of the work area.			
maintained a clean and safe working area following health and safety guidelines			
cleared the work area of surplus materials and debris on completion of the job			
cleaned all tools and equipment ready for re-use			

Assignment passed?	Final grade Pass/Merit /Distinction.
Assessor signature	
Date	

#### Task A

## Fixing architraves and skirtings



## Fixing architraves and skirtings

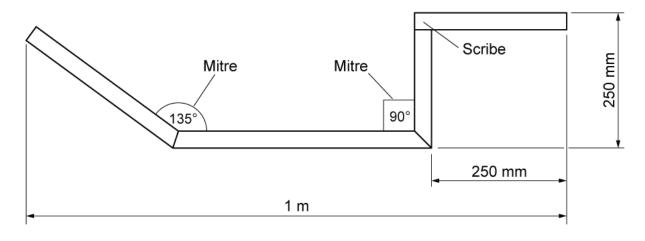
To complete this task you must mark out, cut and fix skirting and architraves as shown on the specification (Figure 1). You should have seen the marking criteria before you start the task but you should not have a copy with you during the assessment.

This task can be achieved at pass, merit or distinction.

# Fixing architraves and skirting



Figure 1



Plan view

#### **Specification**

Skirting jig to be 1 m long, 250 mm deep

The architrave should be fitted around a full size door lining with an 8mm margin.

# Fixing architraves and skirtings

Marking criteria

Task A



Candidate name			
Assessor name			
Centre name			
To pass the assignment, candidates are required to complindicated below. All criteria for each grade must be achie			standard
The candidate has:	Pass	Merit	Distinction
identified and used Personal Protective Equipment (PPE) appropriate to marking out, cutting and fixing architraves and skirting			
identified and selected materials required to mark out, fix and cut architraves and skirting			
identified and selected tools and equipment required to construct and fix architraves and skirtings			
stated the joints used			
stated the process required to mark out, cut and fix sets of architraves and skirting			
setup the work area safely			
maintained a clean and safe working area following health and safety guidelines			
cleared the work area of surplus materials and debris on completion of the jobs			
cleaned all tools and equipment ready for re-use			
marked out, cut and fixed architrave and skirting to given specifications			
<ul> <li>skirting mitres are tight without a gap exceeding 1mm</li> </ul>			
Scribe is tight without a gap exceeding 1mm			
obtuse mitre is correctly bisected			
<ul> <li>architrave mitres are tight without a gap exceeding 1mm</li> </ul>			
architrave margin is 8mm within	+/-3mm	-/-2mm	+/-1mm

The candidate has:	Pass	Merit	Distinction
mouldings are securely fixed with	nails punched below the surface	no bent nails	no split timbers
the number of hammer marks	Two hammer marks	One hammer mark	No hammer marks
Assessor signature Final grade Pass/	Merit/Distinctio	on	
Date			

# Task A Make and fix hatch lining

# Constructing and fixing hatch linings

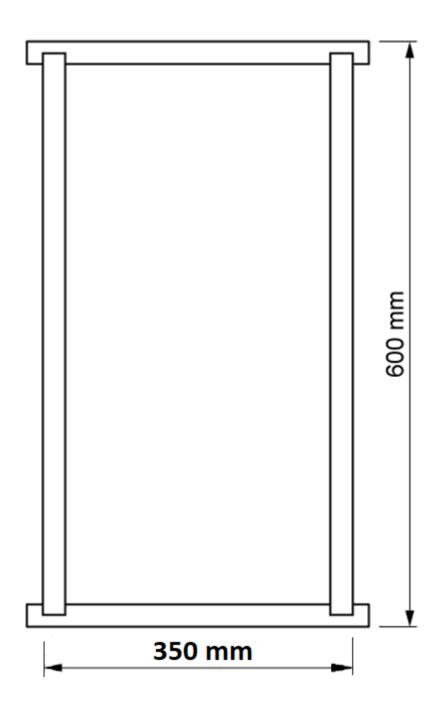


To complete this task you must construct and fix a hatch lining as shown on the diagrams (Figures 1, 2 and 3). You should have seen the marking criteria before you start the task but you should not have a copy with you during the assessment.

This task can be achieved at pass, merit and distinction.



Figure 1



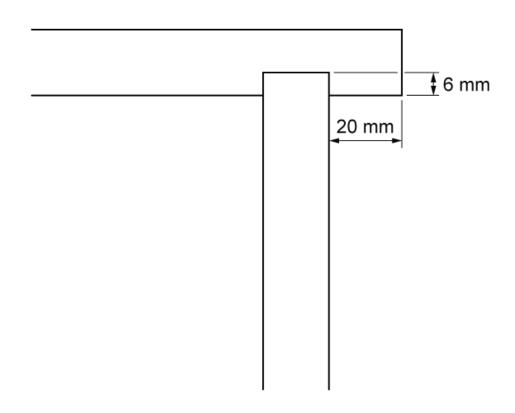
#### **Specification**

Hatch lining overall size 600 mm high x 350 mm wide Hatch lining material 95 mm x 18 mm

# **Constructing and fixing hatch linings**Make and fix hatch lining



Figure 2



#### Joint detail

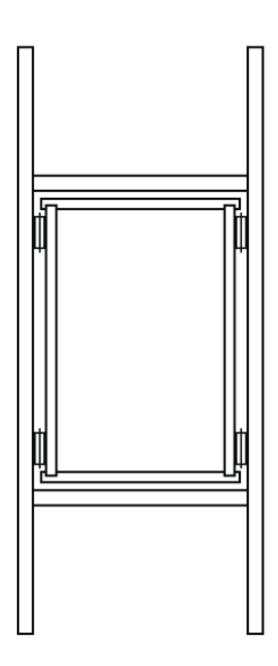
To be fixed with  $2N^{\circ}$  50 mm wire nails and white glue, squared and braced.

Task A

# Constructing and fixing hatch linings Make and fix hatch lining



Figure 3



Studwork opening 650 mm high x 400 mm wide

Lining should be fitted centrally to the opening using wedges as packing. To be fixed in the positions shown with  $4N^{\circ}$  screws.

# Constructing and fixing hatch linings

Marking criteria

Task A



Candida	ate name			
Assesso	or name			_
Centre	name			
	the assignment, candidates are required to comped below. All criteria for each grade must be achie			m standard
Task A	The candidate has:	Pass	Merit	Distinction
1.1 2.1	identified and used Personal Protective Equipment (PPE) appropriate to constructing and fixing hatch linings			
1.2 2.2	identified and selected materials required to construct and fix hatch linings			
1.3 2.3	identified and selected tools and equipment required to construct and fix hatch linings			
1.4	stated/followed the process required to construct and fix hatch linings			
2.4	constructed and fixed hatch lining to given specifications			
	lining is parallel within	3mm	2mm	1mm
	no gaps in the joints exceeding 2mm			
	lining square within	3mm	2mm	
	fitted to opening plumb (both ways)     within 2mm			
	fitted lining square within	3mm	2mm	1mm
	lining fitted to allow for 13mm     plasterboard within	3mm	2mm	1mm
	lining without twist exceeding 2mm			
3.1	setup the work area safely			
3.2	maintained a clean and safe working area following health and safety guidelines			
3.3	cleared the work area of surplus materials and debris on completion of the jobs			

Task A	The candidate has:	Pass	Merit	Distinction
3.4	cleaned all tools and equipment ready for reuse			

Yes / No	Final grade Pass/Merit/Distinction	
	Yes / No	Yes / No Final grade Pass/Merit/Distinction

#### Task A

## Fitting locks and latches





To complete this task you must mark out, cut and fit a lock and night latch as shown on the diagram (Figure 1). You should have seen the marking criteria before you start the task but you should not have a copy with you during the assessment.

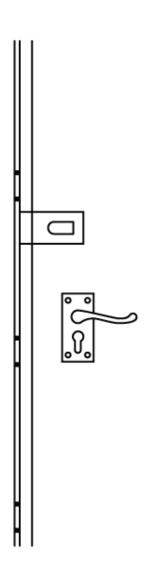
This task can be achieved at pass, merit or distinction.

Task A

Fit locks and latches



Figure 1



Spindle height from the floor should be 1m.

#### **Materials required**

- 3 or 5 lever sash lock
- Cylinder night latch
- Lever handles

## Fitting locks and latches

Marking criteria

Task A



Candida	te name			
Assesso	or name			
Centre	name			
-	the assignment, candidates are required to complete d below. All criteria for each grade must be achieved			ndard
Task A	The candidate has:	Pass	Merit	Distinction
1.1 2.1	identified and used Personal Protective Equipment (PPE) appropriate to fitting locks and latches			
1.2	identified types of locks and latches			
1.3 2.2	identified and selected tools and equipment required to fit locks and latches			
1.4	stated/followed the process required to fit locks and latches			
2.3	marked out, cut and fitted locks and latches to given specifications and manufacturers' instructions			
	<ul> <li>lock forend is tight without gaps at the ends exceeding</li> </ul>	3mm	2mm	1mm
	<ul> <li>lock forend is tight without gaps at the sides exceeding 1mm</li> </ul>			
	<ul> <li>lock striking plate is tight without gaps exceeding 2mm</li> </ul>			
	<ul> <li>handles operate smoothly without binding</li> </ul>			
	lock operates without binding			
	<ul> <li>spindle height is correct within</li> </ul>	5mm	3mm	1mm
	<ul> <li>night latch striking plate is without gaps exceeding 2mm</li> </ul>			
	<ul> <li>night latch operates without binding (including the key)</li> </ul>			
	<ul> <li>handles are parallel to the edge of the door within</li> </ul>	3mm	2mm	1mm
3.1	setup the work area safely			
3.2	maintained a clean and safe working area following health and safety guidelines			

Task	The candidate has:	Pass	Merit	Distinction
Α				
3.3	cleared the work area of surplus materials and debris on completion of the jobs			
3.4	cleaned all tools and equipment ready for re-use			
Assignn	nent passed? Final grade P	ass/Merit/Dist	inction	

Assignment passed?	Final grade Pass/Merit/Distinction
Assessor signature	
Date	
- 4.00	

# 4 Appendices

# Appendix 1 – Unit feedback and forward planning form



### Feedback and action planning form

	1 0		
Unit and task number			
Candidate name			
Task reference	Unit feedback		
			A.1.*.
Task reference	Action plan	Target date	Achievement date

### **Useful contacts**

UK candidates General qualification information	E: candidatesupport@cityandguilds.com
International candidates General qualification information	E: intcg@cityandguilds.com
Centres Exam entries, Registrations/enrolment, Certificates, Invoices, Missing or late exam materials, Nominal roll reports, Results	E: centresupport@cityandguilds.com
Single subject qualifications  Exam entries, Results, Certification, Missing or late exam materials, Incorrect exam papers, Forms request (BB, results entry), Exam date and time change	E: singlesubjects@cityandguilds.com
International awards Results, Entries, Enrolments, Invoices, Missing or late exam materials, Nominal roll reports	E: intops@cityandguilds.com
Walled Garden Re-issue of password or username, Technical problems, Entries, Results, e-assessment, Navigation, User/menu option, Problems	E: walledgarden@cityandguilds.com
Employer Employer solutions, Mapping, Accreditation, Development Skills, Consultancy	E: business_unit@cityandguilds.com
Publications Logbooks, Centre documents, Forms, Free literature	

If you have a complaint, or any suggestions for improvement about any of the services that City & Guilds provides, email: feedbackandcomplaints@cityandguilds.com

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