T-LEVELS | Institute for Apprenticeships & Technical Education

T Level Technical Qualification in Onsite Construction (8711-35)

8711-305 Bricklaying Occupational Specialism Candidate Pack (Brief)

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1. Assessment

This assessment is for the Bricklaying Occupational Specialism component of the Technical Qualification. This pack consists of a practical assignment that includes a project brief including drawing(s) and diagram(s) as necessary, along with several tasks for you to complete.

2. Candidate Guidance

General guidance

This is a formal assessment that you will be marked and graded on. You will be marked on the quality and accuracy of the work you produce. It is therefore important that you carry your work out to the highest standard you can.

Plagiarism

Plagiarism is the failure to acknowledge sources properly and/or the submission of another person's work as if it were your own. Plagiarism is not allowed in this assignment.

This assignment is an assessment of your abilities, so the work submitted must be all your own and carried out under the conditions stated. You will be asked to sign a declaration that you have not had any help with the assignment. Your tutor/assessor is allowed to give you some help understanding the instructions if necessary, but they will record any other guidance you need, and this will be taken into account during marking.

Where research is allowed, your tutor/assessor must be able to identify which work you have done yourself, and what you have found from other sources. It is therefore important to make sure you acknowledge sources used and clearly reference any information taken from them (e.g. providing as a minimum a list of web addresses / books / articles etc used).

Timings and planning

You are advised to study the details of the assessment before starting.

You should check with your tutor/assessor that you have all the relevant materials, equipment and information/data sources that you need before starting the assessment.

You should take care when planning to make sure you have divided the time available between parts of the assignment tasks appropriately. Timings for tasks are provided within this pack to support with planning and time allocation.

If you have a good reason for needing more time, you will need to explain the reasons to your tutor/assessor and agree a new deadline date. Changes to dates will be at the discretion of the tutor/assessor, and they may not mark work that is handed in after the agreed deadlines.

Any requested changes to deadlines must be agreed by both your tutor/assessor and City & Guilds.

Word counts

Typical word counts are to be used as approximates for guidance to support the production of sufficient evidence. The marking will relate to the quality of the evidence produced and not whether the word count have been met.

Health and Safety

You must always work safely, in particular while you are carrying out practical tasks.

You must always follow any relevant Health and Safety regulations, Risk Assessments and codes of practice in line with centre requirements.

If your tutor/assessor sees you working in a way that is unsafe for yourself or others, they will highlight the issue and ask you to stop the task immediately. Your tutor/assessor will not be able to reassess you until they are sure you are ready for assessment and can work safely.

Presentation of work

Presentation of work must be neat, legible and appropriate to the task, and evidence required for submission.

You should make sure that each piece of evidence including any forms are clearly labelled with your name and the assignment reference.

All electronic files must be given a clear file name that allows your tutor/assessor to identify it as your work.

Written work may be word-processed or handwritten unless stated otherwise.

All sketches and drawings should be neat, tidy and annotated.

Calculations should be set out clearly, with all working shown, as well as any assumptions made. You should use appropriate units at all times, consistent with the requirements of the assignment.

Instructions for this assignment

Ensure you read all the provided assessment information issued by the tutor/assessor.

You must work independently and not share your work with any other candidates in these supervised assessment sessions.

Your work will be kept secure during any supervised breaks that are taken.

Internet access is **not** allowed, unless otherwise stated in the task.

You must complete all the tasks and present all evidence that is detailed in each task.

This assessment booklet contains the assignment brief.

The tasks have been separated into individual documents which will be handed to you at the start of each task.

Within each task you will find the following:

- **Conditions of assessment:** This will tell you the duration and rules you must follow when completing a task.
- **What must be produced for marking:** This describes the evidence you must submit when the task is completed. Be aware failure to submit any evidence requested can adversely affect your overall mark for the assessment.
- **Additional evidence of your performance that must be captured for marking:** This describes other forms of evidence that will be collected by the tutor/assessor to support the marking of your performance. This will often include but not limited to photographic and video evidence.

Assessment themes

You will be assessed against a number of assessment themes. This assignment has a total of 90 marks. The table below shows the weighting of the marks for each of the performance outcomes.

Performance outcome	Typical knowledge and skills	Weighting
Prepare and plan for the construction of complex masonry structures	Displays knowledge and practical skills to identify information requirements from a brief. This information is used to calculate length, heights, and openings, produce scaled drawings, and designs ready for the construction of complex masonry structures. Develop material lists, risk assessments and method statement, demonstrating correct sequencing of tasks and prepares tools and equipment for use. Demonstrates the skill to extract brief requirements and communicate plans to stakeholders effectively.	27%
Construct complex masonry structures	Demonstrates the knowledge and skills to operate tools and equipment for masonry tasks. Can carry out geometrical calculations and produce complex shapes. Maintains line level, plumb, and axial deviation. Construct complex masonry structures in a logical sequence with consideration of protection to area and product. Apply joint finish to masonry structures half round/flush weathered. Classify and organise waste for disposal.	57%
Renovate masonry structures	Demonstrates the knowledge and skills to repair and maintain masonry structures according to specification. Assess suitable information for efficiency and sufficiency Inspect masonry for damage and carry out repairs. Repoint defective mortar joints to specification. Mix mortar to application requirements. Match existing materials Maintain the integrity of masonry structures and blend new products to match existing products.	16%

3. Assignment Brief

You are an employee of TJT Construction Ltd, a local construction company and you have been commissioned by a new client to work on a project at a garden centre. The work consists of three parts:

- Providing a design and a drawing for a decorative brick archway.
- Constructing a sample panel as a new entrance for the garden centre
- The refurbishment and repair of an existing boundary wall.

You have a period of **24 hrs (over four-five days)** to complete this work, and you are provided with the following brief:

Task 1

Design and draw a decorative archway for the client to consider incorporating into a new section of the garden wall forming a new entrance to the existing garden. The drawing should be produced to a suitable scale and include a specification for the type and quantity of materials, and joint finishes. You will present the design and scaled drawing of the proposed archway to the client. Your tutor/assessor will act as the client.

Task 2

Construct a decorative sample panel. The client has requested the construction of a feature decorative sample panel according to their specification, to demonstrate the quality and type of finish of the work, before commencing on the full construction. The sample panel is to be constructed as per the drawing (as detailed in Figure 1) and the following specification:

- Wall to be bonded in English bond
- Wall to be one brick thick
- Contrasting facing bricks of your own choice to be selected for the panel and the letters G and C.
- Obtuse corners to be 30 degrees
- Panel to be recessed by 112mm
- Letters on the left-hand return to be projected 15mm
- Letters on the right-hand return to be indented 15mm
- Panel to be constructed in open brickwork with voids measuring a third of the brick length
- Joints to be finished half round to the main wall and flush to the panel
- Corners to be formed using squint bricks

Figure 1. Details for the construction of the sample decorative panel

Plan of Course Eight
King Closer
Mitred
Batt
1/3 standard
brick dimension
Face 2/3
standard brick
dimension
Decorative panel
detail

Note: **Allowance should be made for difference in measurements due to variation in brick sizes.**

Task 3

A brick planter in the outside area has suffered frost damage and the jointing is badly eroded.

You need to remove four bricks from the wall and replace them with matching bricks. The joints to the whole face of the wall will need to be cleaned out and pointed with a coloured mortar to improve the overall appearance.

You will select and mix suitable materials to carry out the work.

You must plan your time and complete all of the tasks.

Get in touch

The City & Guilds Quality team are here to answer any queries you may have regarding your T Level Technical Qualification delivery.

Should you require assistance, please contact us using the details below:

Monday - Friday | 08:30 - 17:00 GMT

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Web chat available **here**.

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