T-LEVELS | Institute for Apprenticeships & Technical Education

T Level Technical Qualification in Onsite Construction (8711-30)

8711-033 Core: Employer-Set Project

Task 2.1 Collaborative Problem-solving

Summer 2023

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Task 2.1 – Collaborative Problem-solving

Many historic buildings lack air tightness and have poor insulation. In this task, you will need to consider what aspects are involved when retrofitting buildings of this type.

In small groups, discuss what measures might be taken to make number 16, The Crescent, more thermally efficient.

Take notes of the discussion points raised, and make sure you are considering options in relation to carrying out techniques that would not be too invasive to the building structure.

Following your discussion, you will need to draft an email to your manager, detailing your suggestions as to how these measures could be considered and adopted into the plan.

Your email should be approximately 300 words long, and include:

- Your suggestions as to how the development could proceed, justifying reason(s).
- Any potential risks there may be with the suggestions you have made.
- Additional information you need to find out in order to be able to progress further.

Timing of assessment

- You will have **30 minutes** to discuss the options with your group.
- You will have **one hour** to complete your draft recommendation email on your own.

Conditions of assessment

- Your discussions will be completed working in small groups under supervised conditions.
- Your email will be drafted working alone under supervised conditions.
- You will have access to the notes you made during the group discussion.

What you must submit on completion of this collaborative problem-solving task

- Draft notes from your group discussion
- Draft email (approximately 300 words)

Submitted as a hard copy or file saved securely as directed by your tutor/supervisor. You must ensure your work is saved as outlined in the ‘Presentation of work’ section of the Candidate Guidance document.

Additional evidence of your performance that will be captured for marking

- Observation record on your contribution to the discussion.
- Video recording of your group discussion.

Maths, English and digital skills

N/A

Get in touch

City & Guilds Technicals Quality Team

We 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:

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