T-LEVELS | Institute for Apprenticeships & Technical Education

T Level Technical Qualification in Building Services Engineering for Construction (8710-30)

8710-033 Core: Employer-Set Project

Task 1.2 Report

Summer 2023

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Task 1.2 – Report

Following your research in Task 1.1, you are required to produce a written report based on your findings.

As part of your written report, you must cover the following areas:

- Options available for siting the ground source heat pump and associated external equipment
- Health and safety implications of installing ground collectors, including environmental considerations
- Best practice in using safe isolation procedures for existing building service systems, including electrical, water and gas
- Removal and disposal of redundant services
- The long-term benefits to the client from the use of other conservation technologies (taps and flushing)
- Total cost of infrared taps for all basins shown on the plan

Your report should be approximately 2000 words long, not including sources or references.

When compiling your report, you will need to use the information provided in the Project Brief document, as well as the research materials you prepared in Task 1.1.

It is important to carefully plan your response to the task and think about how you address specific and general issues, as well as any other relevant issues.

The report should include justifications for any decisions you have made and how research has been used in your response.

Timing of assessment

Your report must be completed independently and working alone under supervised conditions. You will have access to your research materials from Task 1.1.

You will have **six hours** to complete your report.

Conditions of assessment

Your report must be completed independently and working alone under supervised conditions. You will have access to your research materials from Task 1.1.

What you must submit on completion of this report task

Written report (approximately 2000 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

N/A

Maths, English and digital skills

Through completion of this task, you will have the opportunity to generate evidence of your maths, English and digital skills.

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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