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

Autumn 2023

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Task 1.2 – Report

Following your review of the Project Brief document, your research of the BSE systems requirements and the current requirements of working with heritage buildings, you are required to produce a written report based on your findings.

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

- Options available for siting the protection systems and associated externally mounted surveillance/access equipment, with your final recommendations
- Recommended options for access control systems including components and credentials
- Conservation requirements when removing, storing and replacing decorative wood panels, and working with fibrous plaster ceilings.
- Total number of occupancy sensors required for the following rooms, based on the 'Occupancy sensor specification' in the Project Brief document:
    - Staff
    - Receptionist
    - Clerk
    - Stores 1, 2 and 4
    - Male toilets
    - Female toilets
    - Mayoral office
- Total cost of occupancy sensors required for the rooms above.
- The safe isolation of one protection system's components.

Your report should also include final recommendations of the areas above.

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 of the project.

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

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

Timing of assessment

- 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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