

**T Level Technical Qualification in
Maintenance, Installation and
Repair for Engineering and
Manufacturing**

**Employer-Set Project
(8730-033)**

**Task 4
Summer 2023**

Task 4 – Present

The modification of the system and the plan for implementation has now been approved. You are required to report on how the modifications will be installed and commissioned into the system.

You are to prepare and deliver a presentation which will be shown to A2B Water as part of an upcoming meeting - the attendees will have a non-technical engineering background.

You must use digital technology for the presentation.

You must cover:

- findings for the possible causes of the intermittent fault
- modifications and components you have selected and justified
- how the new component functions will meet the client's requirements and improves the existing system
- system commissioning, health and safety considerations for testing and calibration including preventative and routine maintenance schedule
- proposed costings
- challenges presented by the brief and how these have been overcome
- how well your proposal addresses the requirements of the brief.

Your tutor will take on the role of a manager from A2B Water. They will ask questions relating to your presentation from a client's perspective.

Timing of assessment

- You will have **two hours** to prepare your presentation.
- You will have **30 minutes** to present your findings and respond to questions (typically split with 20 minutes for presenting your findings and ten minutes for responding to questions).

Conditions of assessment

- Your presentation should be developed and delivered working alone under supervised conditions.
- You must not share or discuss your work with other candidates
- You will have access to copies of your responses to the previous tasks (for review purposes only) as well as any presentation materials/notes (e.g. PowerPoint slides).
- You will have access to digital technology for the presentation of your findings - you can choose the format/program and program features you wish to use (e.g. PowerPoint).
- You will **not** have access to the Internet for the completion of this task.
- Assessment evidence must be handed in at the end of each session for secure storage which cannot be accessed.

What you must submit on completion of this task

- Presentation materials – e.g., slides, handouts etc. hard copy or digital file saved securely (e.g., in a secure online location or on memory stick to be handed in).

Additional evidence of your performance that will be captured for marking

- Video recording of presentation.

Marks available

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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:

T: 0300 303 53 52 (Monday - Friday | 08:30 - 17:00 GMT)

E: technicals.quality@cityandguilds.com

W: cityandguilds.com/tlevels

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