

T Level Technical Qualification in Engineering, Manufacturing, Process and Control

**Employer-Set Project
(8730-034)**

**Task 4
Summer 2024**

Task 4 – Present

You are to prepare and deliver a presentation to present the findings from your report, and your design, to the Engineering Manager of WF Engineering.

You must cover:

- consideration of how your design proposal has met both the specific and general issues identified in the project brief
- a summary of your proposed design, which outlines the key features including:
 - how the design is watertight
 - how the adaptor is being held whilst being tightened
 - material used and its cost
 - the length of adaptor valve assembly has increased by.
- challenges that were found when selecting and designing (e.g. materials, design ideas, components) and how these were overcome
- how well you think your design and proposal addresses the requirements of the brief
- any changes you would make if repeating the project.

You must use digital technology for the presentation.

Your tutor will take on the role of the Engineering Manager from WF Engineering. They will ask questions relating to your presentation from a technical 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 or notes (e.g. PowerPoint slides).
- You will have access to digital technology for the presentation of your findings - you can choose the format or program you wish to use (e.g. PowerPoint, Keynote).
- 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 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.
- **Presentation Q&A** record.

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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